1979-80
CATALOG

ANNOUNCEMENTS

MILLSAPS WILSON LIBRARY
MILLSAPS COLLEGE
JACKSON, MISS. 39210

130825

CALENDAR FOR 1979-80

First Semester 1979–80

August 23	Orientation for New Faculty
August 24	Faculty Workshop
August 26, Sunday	Residence Halls Open, 10 a.m.
August 27-28	Orientation for New Students
August 27	Night Classes Begin on Regular Schedule
August 28	Registration for Class Changes
August 29	Day Classes Meet on Regular Schedule
August 30	*Fall Convocation, 11 a.m. (attendance expected)
September 14	Last Day for Schedule Changes Without Grade
October 12	Last Day for Dropping Courses with Grades of WP or WF
October 12	End of First Half of Semester
October 13	Mid-Semester Holidays Begin, 8 a.m.
October 17	Mid-Semester Holidays End, 8 a.m.
October 27	Homecoming Weekend
October 25	Tap Day, 11 a.m. (tentative)
October 29-November 2	Symposium—Classes Dismissed Wednesday, Oct. 31
November 17	Undergraduate Assessment Program
November 21	Thanksgiving Holidays Begin, 1 p.m.
November 26	Thanksgiving Holidays End, 8 a.m.
November 26	Advanced Registration for Spring Semester Begins
December 6	Advanced Registration for Spring Semester Closed
December 11	Last Regular Meeting of Classes
December 12, 13, 16	Reading Days
December 14, 15, 17, 18, 19	Final Examination Days
December 20	Dining Hall Closes with Breakfast
December 20	Residence Halls Close at 10 a.m.
December 20-26	College Offices Closed
December 27	Semester Grades Due in the Registrar's Office
December 29-January 4	College Offices Closed

Second Semester 1979–80

January 13	Residence Halls Open 10 a.m.
January 14	Registration for Class Changes
January 14	Night Classes Begin on Regular Schedule
January 15	Day Classes Meet on Regular Schedule
January 30	Last Day for Schedule Changes Without Grade
February 23	Founder's Day
February 29	Last Day for Dropping Course with Grades of WP or WF
February 29	End of First Half of Semester
March 1	Spring Holidays Begin, 8 a.m.
March 10	Spring Holidays End, 8 a.m.
March 29	Undergraduate Assessment Program
April 14	Advanced Registration for Fall Semester 1980 Begins
April 15, 16, 17, 18	Comprehensive Examinations
April 28	Last Regular Meeting of Classes
April 26, 27, 29, 30, May 3, 4	Reading Days
April 29	Final Grades for Graduating Seniors are Due in Registrar's Office
May 1, 2, 5, 6, 7	Final Examination Days
May 9	Semester Grades Due in the Registrar's Office
May 11	*Commencement Day
May 11	Residence Halls Close at 8:00 p.m.

*Formal Academic Occasion

TABLE OF CONTENTS

Academic Calendar 2

PART I **Information for Prospective Students** 5
A. History of the College 6
B. General Information 6
C. Millsaps-Wilson Library 6
D. Buildings and Grounds 7
E. Admissions Requirements 7
F. Applying for Admission 9
G. Counseling Program 10
H. Student Housing 10
I. Medical Services 11
J. Placement Services 11
K. Student Records 11

PART II **Financial Information** 13
A. Tuition and Fees 13
B. Special Fees 15
C. Financial Regulations 16
D. Scholarships and Financial Aid 16

PART III **Student Life** 23
A. Religious Life 24
B. Public Events Committee 24
C. Athletics 25
D. Publications 25
E. Music and Drama 25
F. Student Organizations 26
G. Medals and Prizes 29

PART IV **Curriculum** 33
A. Requirements for Degrees 34
B. Educational Certification Programs 40
C. Cooperative Programs 44
D. Special Programs 45

PART V **Administration of the Curriculum** 49
A. Grades, Honors, Class Standing 50
B. Administrative Regulations 52

PART VI **Departments of Instruction** 55

PART VII **Register** 97
A. Board of Trustees 98
B. Administration 100
C. Faculty 101
D. Staff Personnel 106
E. Alumni Association 108
F. Enrollment Statistics 108
G. Medals and Prizes Awarded 109
H. Degrees Conferred, 1978 110

Index 112

THE PURPOSE OF MILLSAPS COLLEGE

Millsaps College has as its primary aim the development of men and women for responsible leadership and well-rounded lives of useful service to their fellow men, their country, and their God. It seeks to function as a community of learners where faculty and students together seek the truth that frees the minds of men.

As an institution of the Methodist Church, Millsaps College is dedicated to the idea that religion is a vital part of education; that education is an integral part of the Christian religion; and that church-related colleges, providing a sound academic program in a Christian environment, afford a kind of discipline and influence which no other type of institution can offer. The College provides a congenial atmosphere where persons of all faiths may study and work together for the development of their physical, intellectual, and spiritual capacities.

As a liberal arts college, Millsaps seeks to give the student adequate breadth and depth of understanding of civilization and culture in order to broaden his perspective, to enrich his personality, and to enable him to think and act intelligently amid the complexities of the modern world. The curriculum is designed to avoid premature specialization and to integrate the humanities, the social studies, and the natural sciences for their mutual enrichment.

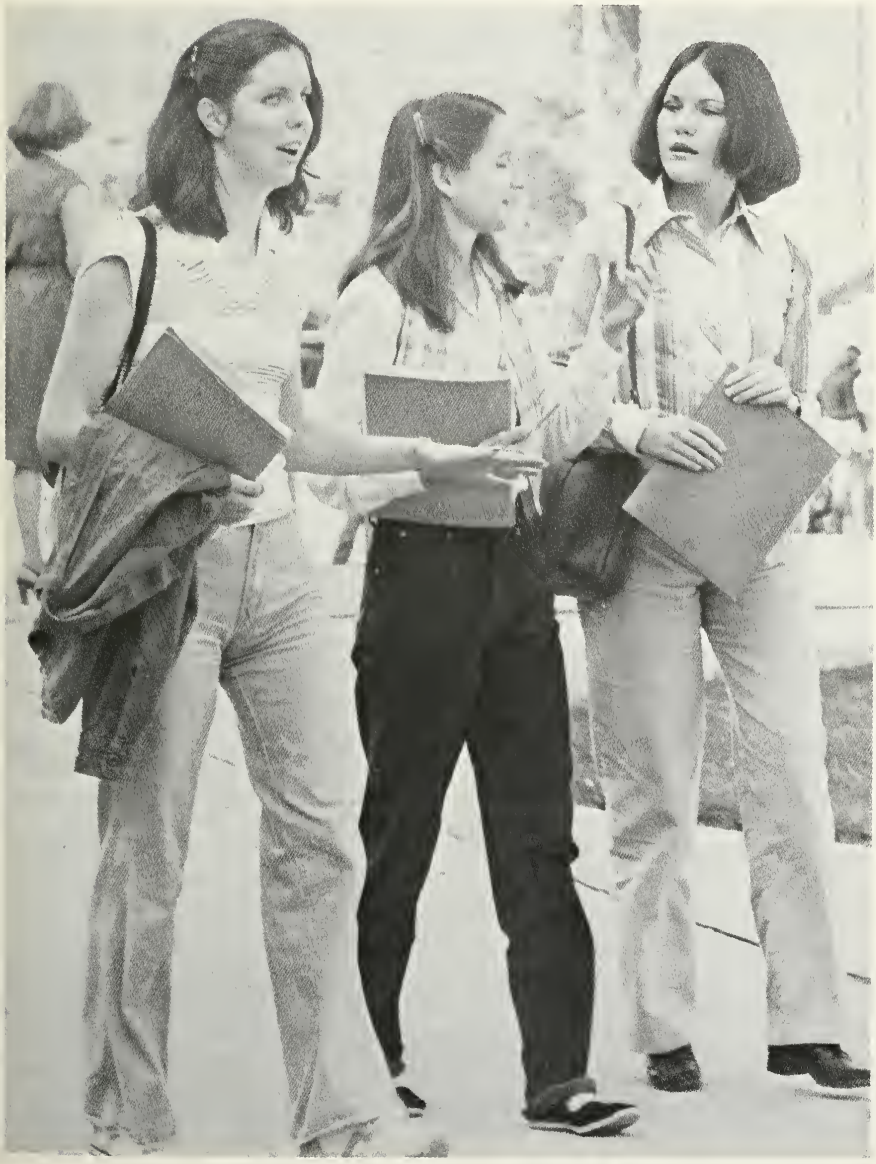
The College recognizes that training which will enable a person to support himself adequately is an essential part of a well-rounded education. On the other hand, it believes that one of the chief problems of modern society is that in too many cases training as expert technicians has not been accompanied by education for good citizenship. It offers, therefore, professional and pre-professional training balanced by cultural and humane studies. In an environment that emphasizes the cultural and esthetic values to be found in the study of language, literature, philosophy, and science, the student at Millsaps can also obtain the necessary courses to prepare him for service in such fields as teaching, journalism, social work, and business or for professional study in these areas as well as in theology, medicine, dentistry, engineering, law, and other fields.

As an institution of higher learning, Millsaps College fosters an attitude of continuing intellectual awareness, of tolerance, and of unbiased inquiry, without which true education cannot exist. It does not seek to indoctrinate, but to inform and inspire. It does not shape the student in a common mold of thought and ideas, but rather attempts to search out his often deeply hidden aptitudes, capacities, and aspirations and to provide opportunities for his maximum potential development. It seeks to broaden his horizons and to lift his eyes and heart toward the higher and nobler attributes of life. The desired result is an intelligent, voluntary dedication to moral principles and a growing social consciousness that will guide him into a rich, well-rounded Christian life, with ready acceptance of responsibility to neighbor, state, and church.

—adopted by the Faculty and Board of
Trustees of Millsaps College, 1955-56

1

information for prospective students



HISTORY OF THE COLLEGE

Millsaps College, founded February 21, 1890, is one of the youngest colleges supported by the United Methodist Church. In the late eighties, the Mississippi Methodist conferences appointed a joint commission to plan a "college for males under the auspices and control of the Methodist Episcopal Church, South."

Commission member Major Reuben Webster Millsaps, Jackson businessman and banker, offered to give $50,000 to endow the institution if Methodists throughout the state matched this amount. Led by Bishop Charles Betts Galloway, Methodists met the challenge. The charter was granted February 21, 1890, and Millsaps opened in the fall of 1892. Coeducation began in the seventh session.

Millsaps' first president, William Belton Murrah, served until 1910. Other presidents have been: David Carlisle Hull (1910-1912), Dr. Alexander Farrar Watkins (1912-1923), Dr. David Martin Key (1923-1938), Dr. Marion Lofton Smith (1938-1952), Dr. Homer Ellis Finger, Jr., (1952-64), Dr. Benjamin Barnes Graves (1965-1970), and Dr. Edward McDaniel Collins, Jr. (1970-1978). Dr. George Marion Harmon was named president in the fall of 1978.

GENERAL INFORMATION

The close personal relationship among students, faculty and the administration is one of the most vital parts of the Millsaps experience. A liberal arts college designed to train students for responsible citizenship and well-balanced lives, Millsaps offers professional and pre-professional training coupled with cultural and disciplinary studies. Students are selected on the basis of their ability to think, desire to learn, good moral character and intellectual maturity. The primary consideration for admission is the ability to do college work satisfactory to the College and beneficial to the student.

Millsaps' 1,000-member student body represents about 30 states and several foreign countries. Students come from 25 religious denominations. All are urged to take advantage of the educational and cultural offerings of Mississippi's capital city of Jackson.

Research facilities available are: The State Department of Archives and History, the State Library, the library of the State Department of Health and the Jackson Public Library. Together, they provide research facilities found nowhere else in the state. Cultural advantages include: The Jackson Symphony Orchestra, Jackson Little Theatre, New Stage Threatre, Jackson Opera Guild, Inc., and musical, dramatic and sporting events held at the City Auditorium and the Mississippi Coliseum.

Millsaps is fully accredited by the Southern Association of Colleges and Schools and approved by the American Association of University Women and the University Senate of the United Methodist Church. It is recognized by the General Board of Education of the United Methodist Church as one of its strongest institutions.

THE MILLSAPS - WILSON LIBRARY

The Millsaps-Wilson Library has more than 120,000 volumes and 500 periodical subscriptions. It provides individual study carrels and rooms as well as browsing and lounge areas. There is a collection of audiovisual materials and listening facilities. Special collections are: the Lehman Engel Collection of books, manuscripts, recordings, and correspondence relating to the theatre and the arts; the Mississippi Methodist Archives; a rare book collection; the Kellogg Collection of juvenile books and curriculum materials; U.S. government documents; and the Millsaps Archives.

BUILDINGS AND GROUNDS

The 100-acre campus is valued at about $11 million. The administrative offices are housed in Murrah Hall, built in 1914. Sullivan-Harrell Science Hall, built in 1928, was expanded and modernized in 1963 to create the Millsaps College Science Center. Gifts and grants have added completely modern equipment for science laboratories.

The Christian Center, completed in 1950, was built with gifts from Mississippi Methodists, alumni and friends. It has a 1,000-seat auditorium, a small chapel, classrooms and offices. In 1967, the stage was renovated into a modern theatre stage.

The James Observatory provides facilities for astronomy students and is also available to area residents.

The Activities Center, dedicated in 1974, has courts for basketball, tennis, badminton and volleyball. Weight-training and physical therapy rooms are also included in this multi-purpose facility. An olympic-sized swimming pool is adjacent to the Activities Center. Other athletic facilities include tennis courts and fields for football, baseball, soccer and track.

The Boyd Campbell Student Center houses the offices of the deans of men and women, the bookstore, post office, student activity quarters and a recreation area. The grill and dining hall are located in the student center.

There are three residence halls for women and two for men. All are air conditioned.

The Academic Complex, completed in 1971, includes a small auditorium in which is located a 41-rank Mohler organ. The Complex houses the departments of music, business and economics and political science. It also contains skylit art studios, a computer room, a listening laboratory, a music laboratory and classrooms.

ADMISSION REQUIREMENTS

Millsaps College accepts without regard to race, color, sex, creed, or national origin all who are qualified to benefit from its academic program. Applicants must furnish evidence of:

1. Good moral character
2. Sound physical and mental health
3. Adequate scholastic preparation
4. Intellectual maturity

Freshman Admission

Application for admission to freshman standing may be made by one of the following:

1. **By high school graduation, provided that:**
   (a) The student's record shows satisfactory completion of graduation requirements with at least 12 units of English, mathematics, social studies, natural sciences or foreign language. Four units of English should be included.
   (b) Results of the American College Test (ACT) or the Scholastic Aptitude Test (SAT) are submitted and reflect satisfactory scores
2. **By Equivalency Certificate**
   (a) Students who have not prepared for college may submit results of the General Educational Development Tests (GED) along with a transcript of work completed in lieu of requirements set forth in paragraph 1 (a).
   (b) At the discretion of the Admissions Committee, results of the American College Test (ACT) or the Scholastic Aptitude Test (SAT) may be required.

3. **Early Admission**
   (a) Students who are nearing high school graduation, but choose to enter college before graduation, may apply by submitting an official transcript and results of the American College Test (ACT) or the Scholastic Aptitude Test (SAT).

   (b) At least 12 units in English, mathematics, social studies, natural sciences, or foreign languages must be included. Normally, four units of English are required.

Transfer Admission

A transfer student is one entering Millsaps as a full-time student from another institution of higher learning. A completed application for admission and a transcript showing all work attempted at other colleges or universities are required. These policies apply to the transfer applicant:

1. Full credit is normally allowed to transfer students on work taken at other accredited institutions. Some courses which are not regarded as consistent with a liberal arts curriculum may not be credited toward a degree. Work done at non-accredited institutions may be validated if the student makes a satisfactory record at Millsaps.
2. After earning 64 semester hours at a junior or senior college, a student may not take additional work at a junior college and have it apply toward a degree from Millsaps College.
3. Transfers must complete the work necessary to fulfill requirements for majors at Millsaps or for pre-professional work or teaching licenses.
4. Grades and quality points earned at another institution will be recorded as they are on the transcript. Transfer students must earn at Millsaps quality points at least double the number of hours of academic credit remaining on their graduation requirements after transfer credits are entered.
5. In the case of students transferring to Millsaps with more than three but less than six hours credit in a required subject, the head of the department concerned may approve a three-hour elective in that department as a substitute for the remainder of the required course.
6. Credit is not given for correspondence courses.

Special Student Admission

A special student is one entering Millsaps for less than 12 hours of academic work per semester or one who holds a baccalaureate degree. Special students are admitted as non-degree candidates to be enrolled for credit or for no credit based on the student's request and the discretion of the Admissions Committee. Admissions credentials will include a completed application for admission and transcripts of all academic work attempted. The following policies apply to special students:

1. Special students are expected to be 21 years of age and must present evidence of good character and maturity. Age requirements may be waived.
2. Special students may enroll for any courses without regard to graduation requirements, but must meet prerequisites for courses chosen.
3. Special students may apply as degree candidates but must be admitted as degree candidates at least one year before the date of graduation. Work completed at Millsaps will be considered part of the admission credentials.
4. Seniors taking all work required for graduation are not considered special students if enrolled for less than 12 hours.
5. Special students may not represent the College in extracurricular activities.

International Student Admission

Millsaps College welcomes international students. Admission credentials should be submitted well in advance of the semester in which one expects to enroll. They are:

1. Completed admission forms.
2. Official transcript of all work attempted
3. Scores from the *Test of English as a Foreign Language*
4. Letters of recommendation from two persons
5. The ten dollar application fee
6. A statement of resources for financial support while in the U.S.

Financial assistance is not available to international students so one must come prepared to pay the full cost of attending Millsaps and to support one's self during periods when the college is closed.

Advanced Placement and Credit by Examination

Students entering Millsaps College may earn advanced placement and credit by examination. The amount of credit corresponds to the amount of course work waived up to a maximum of 8 hours in any one field. The student must decide whether or not to accept an award of course credit prior to registration for the first semester. For further information concerning the scores necessary to attain course credit on examinations, interested students should consult the chairman of the appropriate department or the dean or associate dean.

Listed below are the courses for which advanced placement and credit by examination are given, along with the examination that should be taken to attain advanced placement or credit. CLEP is the abbreviation for College Level Examination Program. CEEB refers to advanced placement examinations of the College Entrance Examination Board.

Accounting 281-282: CLEP, Introductory Accounting
Chemistry 121-122, 123-124: CLEP, General Chemistry
Computer 100 (1 Hour): CLEP on Elementary Computer Programming
Computer 100 (3 Hours): CLEP on Elementary Computer Programming and Computers and Data Processing
Economics 201: CLEP, Introductory Economics (Combined Micro-Macro)
French 101-102: CEEB in French
German 101-102: CEEB in German
History 101-102: CLEP, Western Civilization
Mathematics 103, 104, 115: CEEB, Mathematics Level II Test
Psychology 202: CLEP, General Psychology
Sociology 101: CLEP in Introductory Sociology
Spanish 101-102: CEEB in Spanish

APPLYING FOR ADMISSION

All persons not in residence at Millsaps during the preceding regular semester must apply to the Admissions Committee and be accepted prior to registration for the fall and spring semesters.

A prospective student should apply for admission well in advance of the date on which (s)he wishes to enter, particularly if housing accommodations on the campus are desired. The Admissions Committee acts on applications for both the spring and fall semesters as credentials are completed.

In applying for admission a prospective student should follow this procedure:

1. Submit a completed Application for Admission Form with the $10 application fee to the Director of Admissions. The fee is not refunded to a student whose application is approved.

2. Request the high school principal or college registrar to send an official transcript directly to the Director of Admissions.
   (a) Transfers must include a transcript from every college or university attended.
   (b) If the prospective student is enrolled in school at the time (s)he applies for admission, (s)he should have a transcript sent showing credits up to that time. A supplementary transcript will be required after admission.

3. Freshman applicants must submit results of either the American College Test (ACT) or Scholastic Aptitude Test (SAT).

COUNSELING PROGRAM

Counseling services are designed to help students accomplish maximum success in their academic work. Many members of the college community participate in counseling, and specialists are used as referral resources when problems require specialized therapy.

Pre-Registration Counseling: The College provides counseling services to any prospective student who wants to explore vocational and educational objectives before entering classes in the fall. Students who are admitted are urged to take advantage of this service.

Orientation: Freshmen and transfer students are expected to be on campus on dates specified in the college calendar. Orientation is planned and activated cooperatively by students and faculty to help entering students prepare for campus life.

Faculty Advisers: New students are assigned to faculty members who serve as academic program advisers. When a student chooses a major field, the major professor becomes the adviser.

Personal Counseling: The Student Personnel Office counsels students on vocational choices, selection of fields of study, study and reading skills, emotional adjustments and related matters.

Testing: Individual testing services are available to help with self-analysis and planning in terms of aptitudes, interests and personality.

STUDENT HOUSING

The deans of men and women coordinate campus housing in cooperation with residence hall hostesses, counselors and assistants. Men who are active members of a fraternity may live in its house.

Out-of-town students must reside in college housing unless they have written permission from the Office of Student Affairs to live off-campus. Applications for permission to live off-campus are in the Student Affairs Office and must be completed and approved prior to any intended move. Out-of-town students below the junior level are not permitted to live off-campus except in special cases as defined by the deans of men and women. Students who wish to live with relatives must have written permission from the Office of Student Affairs.

Residence hall rooms are designed to house two students each. Students wishing to room together should make every effort to pay room deposits at the same time and to specify their desire to room together. Single rooms are limited and those desiring a single room should pay their room reservation fees as early as possible. Assignments are made in the order in which this fee or completed applications are received, whichever is later. Room preferences are honored unless the rooms are already taken by students who are eligible for them. Room rent cannot be refunded after the semester begins.

Residence halls open at 10 a.m. on the day preceding each term and close at 10 a.m. on the day following the last scheduled examination of each term. During Thanksgiving and spring holidays, the residence halls will close at 3 p.m. on the last day of scheduled classes and reopen at noon on the day preceding the resumption of classes. Students are not housed in the residence halls during Thanksgiving, Christmas or spring holidays.

MEDICAL SERVICES

Millsaps provides medical services for minor illnesses to those students living in the residence halls and fraternity houses. The services of a physician are available through the nurse on duty or one of the residence hostesses. Serious illnesses of those requiring long-term care are referred to a local hospital or to home on a private patient basis.

The College will pay for the initial visit to the school physician, however, any additional visits to the school physician or any visits to another physician or specialist is the financial responsibility of the student. Students who make their own appointments with the school physician or any other physician, except in emergencies, will accept financial responsibility of the appointment.

PLACEMENT SERVICES

The College has a Placement Office which is designed to serve students and alumni who are making career and job decisions. A well established campus recruiting program provides opportunities for graduating seniors to interview representatives from many organizations which schedule campus recruiting dates from September to April. Employment decisions are the student's responsibility, but the Placement Office serves as a supplement to the student's efforts in identifying and securing the employment opportunity best suited to his or her qualifications and career interests.

The College recognizes that many students wish or need to earn money in part-time jobs. The Placement Director assists those persons in obtaining part-time employment off campus. It should be noted that many Jackson employers have found Millsaps students to be excellent workers and therefore make many opportunities available.

STUDENT RECORDS

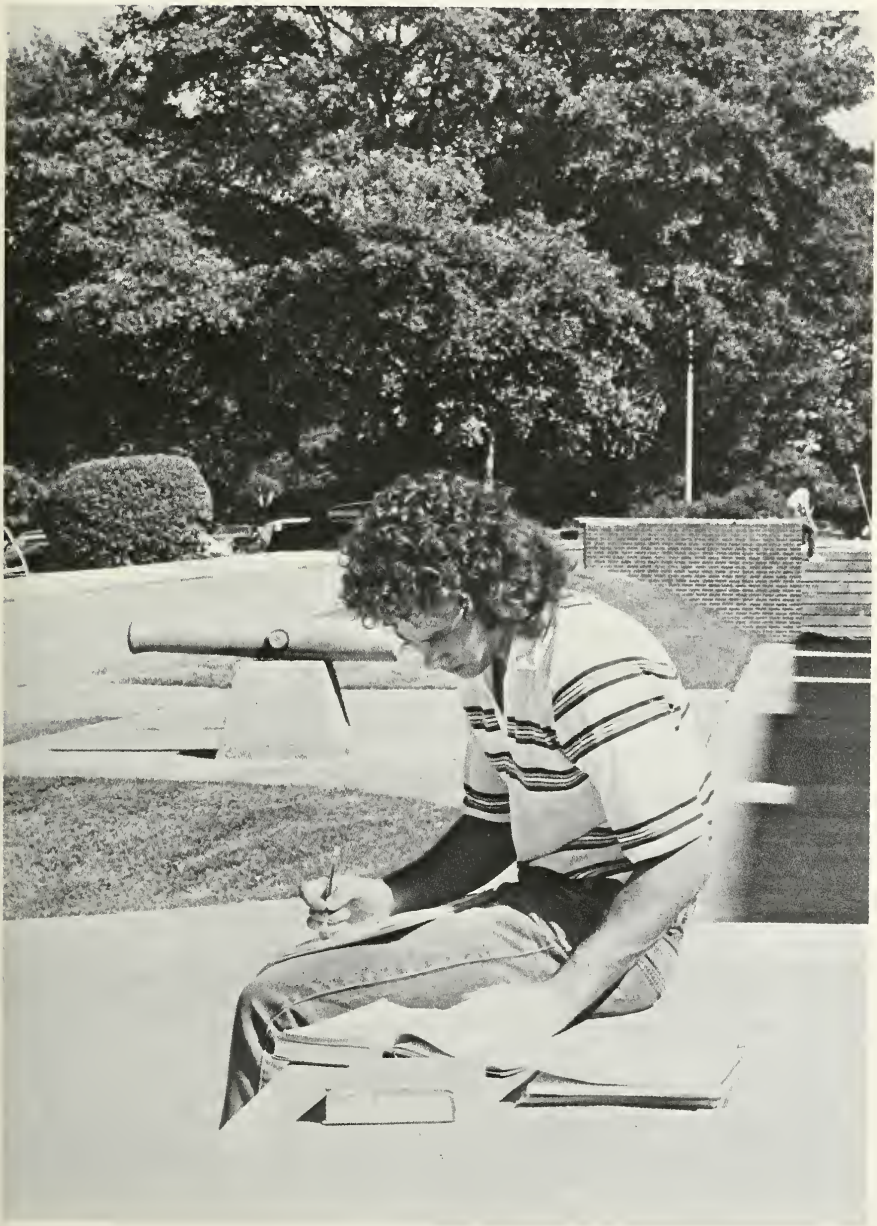
In accordance with the Family Educational Rights and Privacy Act of 1974, Millsaps College students have the right to review, inspect, and challenge the accuracy of information kept in a cumulative file by the institution. It also insures that records cannot be released without the written consent of the student except in the following situations:

(a) to school officials and faculty who have a legitimate educational interest, such as a faculty adviser;

(b) where the information is classified as "directory information." The following categories of information have been designated by the Millsaps College as directory information: name, address, telephone listing, date and place of birth, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degrees and awards received, the most recent previous educational institution attended by the student, and information needed for honors and awards. If you do not wish such information released without your consent you should notify the Registrar's Office in writing prior to the end of the first day of classes.

For a full statement of policy concerning the confidentiality of student records, see the student handbook, **MAJOR FACTS.**

2
financial information



TUITION AND FEES

Millsaps College is an independent institution. Each student is charged a tuition which covers approximately two-thirds of the cost of an education. The balance is met by income from endowment and by gifts from the United Methodist Church, alumni, trustees, parents, and other friends.

SEMESTER EXPENSES FOR FULL-TIME STUDENTS (12–17 Semester Hours)

Basic expenses for one semester are:

	Resident	Non-Resident
Tuition	$1,275.00	$1,275.00
Student Association Fee	24.50	24.50
Activity Fee	20.00	
Room rent††	275.00	
Meals†	345.00	
Total	$1,939.50	$1,299.50

SEMESTER EXPENSES FOR PART-TIME STUDENTS (9–10 Hours or less)

Tuition	85.00
Activity Fee per semester hour	1.00

†Several plans are available, from $300 to $345
††Single room, when available, $412.50

Other fees depend on the courses for which the student registers, and on circumstances related to registration.

GENERAL DEPOSIT*

Resident	$75.00
Non-resident	25.00

The general deposit is payable by all regular students upon acceptance to the College for the first time and no later than 30 days prior to the beginning of the semester in which a student enrolls. It is refundable either upon graduation or withdrawal from the College. This refund is subject to its application to any unpaid fees or charges against the student.

*Reserves dormitory room and space in class. If a student decides not to come to Millsaps, $25 of this fee is refundable if the Admissions Office receives a request for refund by July 1.

LABORATORY AND FINE ARTS FEES

Fine Arts Fees

Art courses, per semester	
Each course except 201, 202, 303, 420 and 421	$ 15.00
Music courses, per semester for private lessons	
One lesson per week (1 hour credit)	60.00
One lesson per week (1 hour credit, 4 in class)	30.00
Two lessons per week (2 or more hours credit)	100.00
Special Students (1 hour credit)	90.00
Special Students (2 hours credit)	150.00

Note: The above fee includes use of practice rooms.

Science Laboratory Fees

Astronomy	15.00
Biology 101-102	15.00
Biology (All courses except 101, 102, 403, 404)	20.00
Biology 403-404	Per Credit Hour 15.00
Chemistry (all lab courses except 101, 102)	20.00
Chemistry 101, 102	15.00
Chemistry (All laboratory courses, breakage fee)	15.00**
Geology (All courses)	20.00
Geology 401-402	Per Credit Hour 10.00
Geology 403-404	Per Credit Hour 10.00
Mathematics 352 (Analog Computer)	15.00
Physics 151, 152, 201, 315, 316, 351, 352, 371, 372	20.00
Psychology 309-310	5.00
Special Problems	10.00

**unused portion refundable at end of semester.

Other Laboratory Fees

Modern Foreign Languages 101-102	5.00
All Computer Courses including ADM 291 and 272	30.00
Mathematics 401-402 (using the computer)	20.00

SPECIAL FEES

The general purpose of special fees is to allocate to the user at least a portion of the direct cost for providing special services, equipment and facilities.

COURSE OVERLOAD FEE.—A fee of $85.00 per semester hour is charged for course loads above 17 semester hours.

PARKING FEE.—A fee of $1.00 per semester hour ($15.00 maximum) is charged for students who wish to park on campus. This fee will help cover the cost of maintaining the college parking lots and streets. The streets on campus are the property of the College and must be maintained by the College. Students failing to register vehicles may be denied the privilege of parking on campus.

ACTIVITY FEE.—A fee of $20.00 is charged for general student activities. The fee covers admission to all college sponsored activities, the use of all college recreational facilities, and participation in college activities not covered by tuition. Part-time students are charged at the rate of $1.00 per semester hour.

LATE REGISTRATION FEE.—A $5 fee will be charged any full-time student who registers after the days designated. Payment of expenses is part of registration.

CHANGE OF SCHEDULE FEE.—A $5 fee will be charged for each change of schedule authorization processed. Any change initiated by the College will have no fee.

GRADUATION FEE.—The $25 fee covers the cost of the diploma, the rental of a cap and gown, and general commencement expenses.

MUSIC FEE—Students taking only private music lessons or private art lessons for college credit pay $10 for each course plus the special fees for the courses taken. They pay only the special fee(s) if the course is not taken for credit.

A student taking one course (credit or non-credit) in addition to private music or private art lessons for credit will pay the above $10 fee(s) and special fee(s) plus the special-student tuition and laboratory fee for the other course.

AUDITING OF COURSES.—Courses are audited with approval of the dean. There will be no charge except laboratory fee to a full-time student for auditing any course. Students taking seven hours or less may audit one course without charge except for the payment of a laboratory fee. A person not enrolled in any course for college credit will be charged at the rate of $85.00 per semester hour. A student auditing the classroom work and not auditing the laboratory work will not pay a laboratory fee. A student auditing a course in which the laboratory and classroom work cannot be separated will pay the laboratory fee.

FINANCIAL REGULATIONS

PAYMENTS—All charges are due and payable on or before the day designated for registration. No student will be considered registered until payment is made.

For parents who prefer to meet educational expenses on an installment basis, Millsaps offers the monthly payment services of The Insured Tuition Payment Plan and The Tuition Plan, Inc. Information is sent to the parents of each incoming student. For information in advance, write to:

Richard C. Knight Insurance Agency, Inc.
53 Beacon Street
Boston, Mass. 02108

or

The Tuition Plan, Inc.
Concord, N.H. 03301

SCHOLARSHIPS AND FINANCIAL AID

Millsaps College grants scholarships and financial aid to students on two bases: academic excellence and financial need. Information may be obtained from the director of financial aid. Financial aid is not available to international students.

In instances of financial need, the amount of aid granted is based on information submitted by the College Scholarship Service of the College Entrance Examination Board. The College Scholarship Service assists in determining the student's need for financial assistance. Students seeking assistance must submit a copy of the Financial Aid Form to the College Scholarship Service, designating Millsaps College as the recipient, by April 1. The Financial Aid Form may be obtained from a secondary school, Millsaps College, or the College Scholarship Service, P.O. Box 176, Princeton, N.J. 08540; P.O. Box 881, Evanston, Ill. 60204; or P.O. Box 1025, Berkeley, Calif. 90704.

Competitive Scholarships

The David Martin Key Scholarships are granted to promising students who are designated as the Key Scholars, and are renewable if academic requirements are met. They are a memorial to Dr. David Martin Key, who served the College as teacher and president.

The Alexander Farrar Watkins Scholarships go to students who have completed their studies in junior college. They are renewable for a second year if the performance is satisfactory. They are a memorial to Dr. Alexander Farrar Watkins, president from 1912-1923.

Diamond Anniversary Scholarships recognize achievement and leadership potential as well as academic ability. Sixty to seventy are available each year. Some will be honorary with no financial grants being made. Recipients are selected from applicants proposed by the faculty.

The Marion L. Smith Scholarships have been authorized by the Board of Trustees in honor of former Millsaps College President Marion L. Smith. They are awarded annually to selected high school seniors on the basis of interviews conducted by faculty members. Marion L. Smith Scholarships are one year, non-renewable awards. They range in value up to $500 each.

United Methodist Scholarships provide $500 each for several Methodist students who have ranked in the upper 15 percent of their class.

The Tribbett Scholarship is awarded at the end of each session to the member of the sophomore or junior class whose quality index is highest for the year, subject to the following qualifications:

1. Must be a regular student with not less than 32 semester hours' work for the year, and must have made at least "C" in each of the subjects studied.
2. Must be qualified for work assigned by the president of the College.

Institutional Scholarships

Children of United Methodist Ministers serving in the conferences of the state of Mississippi receive scholarship aid from the College.

The Foreign Student Scholarship Program supports the Foreign Student Program which attempts to assist foreign students enrolled.

General Scholarship Funds are budgeted each year to help students requiring financial aid.

United Methodist Ministerial Students annually receive a $1,000 scholarship, contingent upon at least one year's reciprocal service in the ministry of the United Methodist Church.

Endowed Scholarships

The H. V. Allen Scholarship

The Burlie Bagley Scholarship Fund. The scholarship will be awarded to a student who is training for full-time Christian service.

The Bell-Vincent Scholarship Fund

The J. E. Birmingham Memorial Scholarship Fund

The Pet and Randall Brewer Memorial Scholarship Fund. The scholarship will be awarded each year to a student who is training for a church-related vocation.

The W. H. Brewer Scholarship

The Dr. T. M. Brownlee and Dan F. Crumpton, Sr., Scholarship Fund

The A. Boyd Campbell Scholarship Fund

The Dr. Elbert Alston Cheek and Son Scholarships

The Rev. and Mrs. C. C. Clark Endowed Scholarship Fund. This scholarship annually provides fund for deserving and needy students enrolled at Millsaps.

Mrs. J. G. Cobb Scholarship

The George C. Cortright, Sr., Scholarship

The Dr. and Mrs. J. R. Countiss, Sr., Scholarship

The Dr. and Mrs. C. W. Crisler Scholarship

The Helen Daniel Memorial Scholarship

The Charles W. and Eloise T. Else Endowed Scholarship Fund. The annual scholarship is awarded to an outstanding student in the Department of Business Administration.

The William B. Fields Scholarship Fund, established in 1978, is awarded annually to a resident of Lee County, Mississippi, who has a record of high academic achievement and who has the desire to develop skills which maximize the use of individual talents.

The Josie Millsaps Fitzhugh Scholarship

The Bishop Marvin A. Franklin Scholarship Fund. Preference is to be given to a pre-theological student or to some student preparing for a full-time church vocation.

The Irene and S. H. Gaines Scholarship Fund. Scholarships for Mississippi young people who are planning to enter the service of the United Methodist Church.

The Marvin Galloway Scholarship

The N. J. Golding Scholarship Fund. The income from this fund is to be awarded each year to a ministerial student or under certain circumstances to a chemistry major.

The Clara Barton Green Scholarship

The Wharton Green '98 Scholarship

The Clyde W. Hall Scholarship

The Mr. and Mrs. D. H. Hall Scholarship Fund

The James E. Hardin Memorial Scholarship Fund. Income is to be awarded to a pre-law student at Millsaps.

The John Paul Henry Scholarship Fund. Preference shall be given to a student preparing for the ministry in the United Methodist Church.

The Herman and Martha Hines Endowed Scholarship Fund

The Rames Assad Khayat Memorial Scholarship

The Alvin Jon King Music Scholarship. Income from this fund is given to one or more students in music or music activities of the College.

The Norma C. Moore Lawrence Memorial Scholarship Fund

The Reverend and Mrs W. C. Lester Scholarship Fund

The Susan Long Memorial Scholarship Fund

The Will and Della McGehee Memorial Scholarship. Interest will go to a ministerial student selected by the College.

The James Nicholas McLean Scholarship Fund. Established by Carolyn H. McLean in memory of her husband, the fund provides assistance for deserving students attending Millsaps College.

The Lida Ellsberry Malone Scholarship

The Mr. and Mrs. G. W. Mars Scholarship. Scholarships are to be given to ministerial students.

The Robert and Marie May Scholarship Fund

The Arthur C. Miller Pre-Engineering Scholarship Fund. The income from this fund is to be awarded to a pre-engineering student.

The Mitchell Scholarship

The J. L. Neill Memorial Scholarship. The income is awarded each year to a student preparing for full-time Christian service.

The Harvey T. Newell, Jr., Memorial Scholarship

The Bishop Edward J. Pendergrass Scholarship Fund. Interest from this fund is awarded to a ministerial student.

The J. B. Price Scholarship

The Lillian Emily Benson Priddy Scholarship. Yearly awards go to a young woman who is training for full-time Christian service.

The Kelly Mouzon Pylant Memorial Scholarship Fund provides annual financial assistance to a student preparing to enter the mission field or other area of Christian service.

The S. F. and Alma Riley Memorial

The R. S. Ricketts Scholarship

The Frank and Betty Robinson Memorial Scholarship

The H. Lowry Rush, Sr., Scholarship Fund. Interest will be awarded annually to a ministerial student.

The Richard O. Rush Scholarship Fund

The Paul Russell Scholarship

The Charles Christopher Scott, III, Scholarship Fund

The George W. Scott, Jr., Scholarship will be awarded to a ministerial student.

The Inez Harvey Silverstein Scholarship

The Reverend and Mrs. Lonnie M. Sharp Scholarship Fund. Income is for scholarships with preference given to ministerial students.

The Albert Burnell Shelton Scholarship

The William Sharp Shipman Foundation Scholarship Fund. The recipient is to be a senior ministerial student chosen by the Advisory Committee of the Foundation.

The Willie E. Smith Scholarship. Interest will go to a ministerial student.

The Dr. Benjamin M. Stevens Scholarship Fund Of The Hattiesburg District of The United Methodist Church. The income from this fund is to be awarded to a student of the Hattiesburg District with preference given to a ministerial student.

The E. B. Stewart Memorial Scholarship Fund. Income from this fund is given to students interested in the study and development of human relations.

The R. Mason Stricker Memorial Scholarship Fund

The Mike P. Sturdivant Scholarship Fund

The Sullivan Memorial Scholarship

The Sullivan Geology Scholarship Fund. Under the terms of the scholarship, the student selected may do a year of graduate work in geology.

The James Monroe Wallace, III, Scholarship. Interest provides a scholarship to a ministerial student.

The W. H. Watkins Scholarship

The Milton Christian White Scholarship. The recipient is to be an English major.

The Dennis E. Vickers Memorial Scholarship. Preference is given to students preparing for full-time church vocations.

The Dr. Vernon Lane Wharton Scholarship

Sponsored Scholarships

Fraternity Scholarship Award—The Pi Kappa Alpha National Memorial Foundation Scholarship Award of $300 is given to a fraternity sophomore.

The Galloway Church Bible Class Scholarship

The Greater Mississippi Life Scholarship. Preference is given to students majoring in business or a related field.

The Hall Foundation Scholarship

The Nellie Hederi Scholarship Fund

The Wilson Hemingway Scholarship

The Joey Hoff Memorial Scholarship

The Albert L. and Florence O. Hopkins Scholarship

The Jackson Christian Education Association Scholarship helps a student prepare for a Christian education vocation.

Jackson Civitan Scholarship is awarded to a junior student.

Mr. and Mrs. John Kimball Scholarship Fund

The Kappa Alpha Eric Gunn Memorial Scholarship

The Panhellenic Scholarship is awarded to a woman student who is a member of one of the Greek organizations.

The Teacher Education Scholarship encourages and assists juniors and seniors preparing to enter a public school teaching career.

The United Methodist Youth Assistance Scholarship was established by the Executive Committee of the Mississippi Conference Methodist Youth Fellowship. The recipient is selected by the Conference Council on Youth Ministry. A minimum of four hours work per week in the department of Youth Ministry of the Conference Program Council is required.

The Mary Virginia Weems Scholarship

Loan Funds

The Federally Insured Loan Program. Under this program the student completes a federally insured application (OE 1154) and a Financial Aid Form. He sends the FAF to College Scholarship Service listing Millsaps as the recipient. Then the financial officer at Millsaps will determine the student's need and recommend this need to the student's lender (a credit union, bank, savings and loan, and any other lending institution). The government will pay the 7 percent interest while the student is in school. It is up to the student to negotiate the loan with the lender of his choice. A student may borrow in one academic year a sum not to exceed $2500 and no more than $7500 maximum for all years combined. Repayment of the loan begins not earlier than nine months nor later than one year after the date of graduation or withdrawal from school.

The National Direct Student Loan Program. A student may borrow in the first two academic years a total sum not to exceed $2500 and during the undergraduate course of study a sum not exceeding $5000. Payment of the loan begins nine months after the borrower has completed or withdrawn from higher education work and will be completed within ten years and nine months. The interest rate is 3 percent during repayment. Detailed information concerning this loan and application forms can be secured from the director of financial aid at Millsaps.

Other loan funds available are:

The Coulter Loan Fund for pre-ministerial students
The Claudine Curtis Memorial Loan Fund
The William Larken Duren Loan Fund
The Paul and Dee Faulkner Loan Fund
The Kenneth Gilbert Endowed Loan Scholarship
The Kiwanis Loan Fund
The Graham R. McFarlane Loan Scholarship for students going into full-time religious work in the Christian Church.
The J. D. Slay Ministerial Loan Fund
The United Methodist Student Loan Fund
The George R. Williams Endowed Loan Fund was established in 1977 by Miss Rufie Lee Williams and Mrs. J. O. Howard to honor their brother, a retired minister of the North Mississippi Conference of the United Methodist Church. Loans from the fund are available to any full-time Millsaps student who in the opinion of the Financial Aid Committee needs and is deserving of financial assistance.

Information and applications are available from the director of financial aid.

Additional Financial Aid Operations

Part-time Employment: Students who want part-time work on campus must apply through the Awards Committee. Students seeking employment off campus may contact the Office of Student Affairs.

The College Work-Study Program has been established from funds contributed by the federal government and the college to provide financial assistance through employment.

State Student Incentive Grants are provided by Millsaps, the state of Mississippi and the federal government. These funds are to help qualified students with substantial financial need.

Supplemental Educational Opportunity Grants are provided by the federal government to provide supplemental grants to other aid to assist in making available the benefits of higher education to qualified students of exceptional financial need who, for lack of financial means of their own or their families, would be unable to obtain an education without such aid.

Basic Educational Opportunity Grant was established by the Educational Amendments of 1972 and is funded by the federal government. When fully funded, each student is entitled each academic year to a grant of $1600 less family contribution (method of determining this contribution to be set by the Commissioner of Education), or half the college cost, whichever is less.

3
student life

RELIGIOUS LIFE

The religious life of the College centers around the churches of Jackson and the campus religious program.

Stimulation and coordination of campus religious life are the functions of the Committee on Religious Activities, the Chaplain, and the Chaplain's Committee of the College Senate. The office of the Chaplain attempts to maintain direct contact with student religious groups to encourage and support their activities, and to provide religious and personal counseling both to individuals and to groups. Both the Religious Activities Committee and the Chaplain's Committee, consisting of faculty and student members, attempt to determine the religious needs of the college community and to provide special programs and emphases as required.

Student religious groups vary widely and have become less formal. Students desiring the more structural type of young adult programs are encouraged to affiliate with established activities in local churches of their choice. Some campus groups are organized along denominational lines, while others have a more ecumenical orientation and attempt to provide discussion, study, activities, and projects which will appeal to all students, whether or not they are affiliated with a specific church.

The office of the chaplain reflects a desire for the religious life on the campus to involve an organized concern for the total needs of the Millsaps community. Persons and committees related to this office plan for concerns that are narrowly religious in nature as well as those that represent efforts to minister to personal needs of individuals.

The Fellowship, an organization of persons preparing for professional Christian vocations, attempts to create programs and field work appropriate to the needs of student members.

PUBLIC EVENTS COMMITTEE

The Public Events Committee receives funds from the student government to sponsor programs of general interest to the campus and community. Its major activity is the Friday Forum Series—a continuing slate of speakers presented each Friday during the academic year. The objective of the series is to provide information and stimulate interest in current issues, to explore historical events and to present differing perspectives on controversial subjects. Faculty members, local authorities and national experts are invited to present their thoughts on a variety of literary, cultural, scientific, political and historical topics.

In addition to the Forum Series, the Public Events Committee sponsors special events throughout the academic year. It provides funds to student organizations and academic departments interested in organizing programs open to the entire campus. These include films, guest speakers and music recitals. At least once a year the committee sponsors a week-long symposium on a significant theme and invites nationally known figures to participate. During election years, candidates for state and local political office are also invited on campus to present their positions.

All of these activities have to do with the true aim of liberal education: the liberation of the mind to grasp the world of nature and of human experience and action in all its richness and complexity, and to respond with awareness, sensitivity, concern, and mature judgment.

ATHLETICS

The athletic policy of Millsaps College is based on the premise that athletics exist for the benefit of the students and not primarily to enhance the prestige and publicity of the college.

Competitive sports conducted in an atmosphere of good sportsmanship and fair play can make a significant contribution to the complete physical, emotional, moral, and mental development of the well-rounded individual. They are thus an integral part of a program of liberal education. An attempt is made to provide a sports-for-all program and to encourage as many students as possible to participate.

Intercollegiate

The program for men includes football, basketball, baseball, and tennis. Soccer is played on a club basis. The women's program includes basketball and tennis.

The programs are conducted on guidelines established by the National Collegiate Athletic Association and the Association of Intercollegiate Athletics for Women of which Millsaps College is a member.

Those who participate in intercollegiate athletics are required to observe and maintain the same academic standards as other students.

Intramural

The program for men provides competition among campus organizations in basketball, volleyball, softball, tennis, track, soccer, and golf. Rules are made and administered by the Intramural Council, composed of student representatives with the intramural director as an ex-officio member.

The program for women is administered by The Women's Intramural Council, whose student members head the teams that compete in such sports as touch football, badminton, volleyball, tennis, basketball, and softball. Election to the Majorette Club provides recognition for athletic participation.

PUBLICATIONS

The Purple and White is the official student newspaper of the College, and its staff is composed of individuals interested in campus journalism. **The P&W** endeavors to provide coverage of all Millsaps events, as well as to serve as a forum for discussion and exploration of ideas.

Now in its seventy-third year, **the Bobashela** is the annual student publication of Millsaps College, attempting to give a comprehensive view of campus life. "Bobashela" is an Indian name for good friend.

Through **Stylus**, the College literary magazine, students interested in creative writing are given an opportunity to see their work in print. The publication comes out twice each year and contains the best poetry, short stories, and essays submitted by Millsaps students.

MUSIC AND DRAMA

The Millsaps Singers

Open by audition to all students, the Singers represent Millsaps in public performances, campus programs, annual tours throughout the state, and to other areas of our United States. In recent years the choir has traveled to Colorado; to Washington, D.C.; to Atlanta, to record for the National Protestant Hour; and to Mexico. The choir has sung with the Memphis Symphony Orchestra three times, the Jackson Symphony, many times, the Chicago Chamber Orchestra, and the New Orleans Philharmonic. Membership earns two semester hours of extracurricular credit for the year's work.

The Millsaps Players

The Millsaps Players present four three-act plays each year. Major productions of recent years include "The Sea Gull," "The Three-penny Opera," "My Fair Lady," "Julius Caesar," "Camelot," "Romeo and Juliet," "Medea," "Becket", "Androcles and the Lion," "Camino Real," "Macbeth," "Luther," "The Rivals," "South Pacific," "Crown Matrimonial," and "The Day After the Fair."

Membership in The Players is open to all students, and effective participation in the production earns one extracurricular credit each semester.

STUDENT ORGANIZATIONS

Student Association

All regularly enrolled students of Millsaps are members of the Student Association and have full power of voting. The Millsaps Student Association is governed by the Student Senate and the Student Judicial Council. The Student Senate is composed of not more than 20 voting members elected from the Millsaps Student Association. Representatives are chosen by petition, with no more than 40 signatures required for any petition (the Election Committee decides each year how many signatures will be required). Only full-time students are allowed to participate in the election. Members of the Student Senate are chosen by the first Tuesday in October and serve their constituency the length of the academic year.

Officers of the Student Senate are elected at large from the Millsaps Student Association. The officers are President, First Vice-President, Second Vice-President, Secretary, and Treasurer. The officers serve a term beginning and ending on the first day of February.

Student Senate meetings are held on the second Tuesday of each month, with special meetings called by the Secretary at the request of 1) the President of the Senate, 2) the Senate, 3) seven members of the Senate, 4) the President of the College.

The duties and functions of the Student Senate according to the Constitution are "to exercise legislative and executive power over those non-academic areas of collegiate activity that are in most instances the responsibility of students," including 1) the apportionment of funds collected by the College as Student Association fees; 2) the granting or revoking of charters to use campus facilities and funds by student organizations; 3) formulating rules of social and dormitory conduct; 4) the conduction of Student Association elections; 5) traditional class responsibilities; 6) the intramural program.

The Judicial Council is composed of three ex-officio advisors and seven appointed members. The Dean of Men, the Dean of Women, and the Dean of the Faculty act in a non-voting advisory function. Seven voting student members in addition to three alternate members are nominated by a special committee of the Student Senate and are confirmed by the Student Senate, with a view to appropriate balance in regard to race, sex, and place of residence.

No member of the Student Senate or the College Senate may be a voting member of the Judicial Council. Council members serve a term of one year. They are appointed before September 15. The Millsaps Judicial Council has jurisdiction over all student disciplinary cases except when an individual's eligibility to continue as a student is put into question because of academic or medical difficulties. Its decisions shall be appealable to the President of the College.

Honor Societies

Alpha Epsilon Delta is an honorary pre-medical fraternity, founded at the University of Alabama in 1926. Leadership, scholarship, expertness, character, and personality are the qualities by which students are judged for membership. Alpha Epsilon Delta strives to bridge the gap between pre-medical and medical schools.

Alpha Psi Omega, a national honorary dramatic fraternity, recognizes members of the Millsaps Players for their effective participation in acting, directing, make-up, stage management, costuming, lighting, or publicity. Each year the name of the outstanding graduating senior member of the organization is engraved on a trophy which is kept in the college trophy case.

Beta Beta Beta, established at Millsaps in 1968, is a national honor fraternity for students in the biological sciences. Its purposes are to stimulate sound scholarship, to promote the dissemination of scientific truth, and to encourage investigation of the life sciences. Monthly meetings are held to discuss new ideas, research, and other material pertinent to biology and related sciences. Activities include off-campus field trips and the invitation of nationally prominent lecturers to the campus.

Chi Chi Chi membership is earned through outstanding scholarship in the study of chemistry. The organization sponsors numerous visiting lecturers and assists the Chemistry Department when needed.

Chi Delta is a local honorary literary society fostering creative writing among the women at Millsaps.

Eta Sigma, scholastic honorary, was re-established on Millsaps campus in 1957.

Eta Sigma Phi is a national honor fraternity, recognizing ability in classical studies. Alpha Phi, the Millsaps chapter, was founded in December, 1935.

Gamma Gamma is a Greek leadership honorary established at Millsaps College in 1965. Its purpose is to recognize and to encourage meritorious service to the Greek system and to the College.

Kappa Delta Epsilon, a professional education sorority, promotes the cause of education by fostering high scholastic standing and professional ideas among those preparing for the teaching profession.

Kit Kat is a literary fraternity with a selected membership of men students and faculty members who have literary ambition and ability. Programs consist of original papers read by the members and criticized by the group.

Medical Technology Club, organized in 1975 within the Department of Biology, brings together students interested in careers in medical technology, promotes career objectives, stimulates interest, disseminates ideas, coordinates educational planning, and assists in the preparation for admission to clinical training. The programs of the monthly meetings are designed to assist club members in the pursuance of their educational goals. Tours of clinical laboratories and conferences with educational supervisors of schools of medical technology are included.

Omicron Delta Kappa is a leadership society with chapters in principal colleges and universities. Pi Circle at Millsaps brings together members of the student body and faculty interested in campus activities, together with a limited number of alumni and supporters who plan for the betterment of the College. Membership in Omicron Delta Kappa is a distinct honor.

Pi Delta Phi is a national French honor society which recognizes attainment and scholarship in the study of the French language and literature. Its purpose is to honor

those students having earned a minimum of 18 semester hours in French, and who have a high scholastic average in all subjects. Honorary members are chosen from among the faculty, alumni, and townspeople who have a special interest in the activities of this organization.

Psi Delta Chi is a local honorary recognizing both interest and ability in the social sciences. Although honorary status is reserved for students of demonstrated ability, active membership is open to all interested students.

Schiller Gesellschaft was founded in order to give recognition to those students who have shown excellence in the study of German and in order to provide a forum for the study of all aspects of German civilization.

Sigma Delta Pi, the international Spanish honorary, was established at Millsaps College on February 24, 1968. This honor society recognizes attainment and scholarship in the study of the Spanish language and literature. Membership is open to students with a high scholastic average in all subjects who also possess at least a "B" average in Spanish. Membership is limited to those having at least three college years of Spanish including a minimum of three hours of literature.

Sigma Lambda is the leadership honorary which recognizes in women those qualities of character, involvement, and scholarship. As the highest women's honorary on campus, it offers its members the opportunity to more fully develop those qualities for which they were duly selected for membership.

Theta Nu Sigma membership is offered to second semester sophomores, juniors, and seniors who are majoring in one of the natural sciences and who fulfill certain specified qualifications. The purpose is furthering general interest in the sciences.

FRATERNITIES AND SORORITIES

There are four fraternities and four sororities at Millsaps. The fraternities and sororities are all members of well-established national Greek-letter organizations.

The **sororities** are Chi Omega, Kappa Delta, Phi Mu, and Alpha Kappa Alpha.

The **fraternities** are Kappa Alpha, Kappa Sigma, Lambda Chi Alpha, and Pi Kappa Alpha.

Policies governing sorority and fraternity life are formulated through the Panhellenic Council and the Interfraternity Council in cooperation with the Committee on Social Organizations.

Alpha Kappa Alpha is an associate member of the college Panhellenic Council.

At the end of Rush Week these organizations offer "bids" to the students whom they have selected. Eligibility for membership in sororities and fraternities is governed by the following regulations:

A. **General Conditions**

1. Only bona fide regular students (carrying at least 12 academic hours) may be pledged.
2. A student may not be pledged to a fraternity or sorority until his official registration for classes has been cleared by the Registrar's Office.
3. Each social organization shall secure a letter of scholastic eligibility of its prospective initiates from the registrar prior to the initiation ceremonies.
4. Only persons who are bona fide students at Millsaps at initiation time can be initiated except by permission of the Social Organizations Committee.

B. Scholastic Requirements

1. To be eligible for initiation, a student must have earned in his most recent semester of residence as many as 24 quality points, and in the same semester as many as 12 semester hours of academic credit, and must not have fallen below D in more than one subject.
2. A student who drops a course after the end of the half semester shall receive an F for sorority or fraternity purposes as well as for academic averages.
3. The two terms of summer school combined shall count as one semester for sorority or fraternity purposes.

ACTIVITY GROUPS

Deutscher Verein was founded to provide an organization for the informal study of various aspects of German and Austrian cultural life. At Christmas the annual "Weihnachsfest" is a campus tradition.

The Millsaps Black Students Association is designed to stimulate and improve the social and academic atmosphere for black students at Millsaps College.

The Millsaps Circle K Club is a service organization jointly sponsored by the College administration and the Capital City Kiwanis Club. With membership open upon petition to all interested and qualified male students, Circle K is active both on the campus and in the community. Various service projects promote cultural, social, and individual enrichment, as well as the development of responsible leadership.

MEDALS AND PRIZES

The Albert Godfrey Sanders Award in French is given to a student in intermediate French on the basis of academic excellence in the language and for general interest and contributions in the dissemination of French culture and civilization. The award is intended to encourage students on the intermediate level to continue their studies in the field of French literature, and it carries with its honor a certificate of excellence and a handsome volume, devoted to some aspect of French culture, donated by the Cultural Services of the French Embassy in New York.

The Albert Godfrey Sanders Award in Spanish has the same purpose and qualifications for the student in intermediate Spanish as the A. G. Sanders Award in French has for students of that language. The award, in addition to the honor conferred, consists of a certificate of excellence and a handsome volume devoted to some aspect of Spanish culture.

Alpha Epsilon Delta Award. The local chapter of Alpha Epsilon Delta, a national society for pre-medical and pre-dental students, awards annually a certificate of merit to the most outstanding member of the society in the graduating class.

The Alpha Psi Omega Award, the Millsaps Players Acting Awards, the Millsaps Players/Haines Award for Scenery, and The Mitchell Award are given each year to those students who are outstanding in dramatics.

Analytical Chemistry Award. This award is sponsored each year by the Millsaps College Department of Chemistry and the American Chemical Society, Division of Analytical Chemistry, and is awarded to the most outstanding undergraduate in analytical chemistry.

Awards in German. Each year, through the generosity of the West German Federal Republic and the Republic of Austria, the Department of German presents appropriate book prizes to students showing excellence in the German language and literature.

The Beta Beta Beta Award. The Beta Beta Beta Chapter recognizes annually an outstanding member of the chapter who has demonstrated scholastic excellence and outstanding service in the field of biology.

The Biology Award. The Department of Biology recognizes annually an outstanding member of the graduating class whose major is biology.

The Biology Research Award. The Department of Biology recognizes annually a biology major who has won recognition in biology on the basis of interest, scholarship, and demonstration of research potential.

Black Students' Association Awards. The BSA recognizes annually the outstanding female and male Black students on the basis of academic achievements and contributions to the organization.

The Bourgeois Medal is awarded annually to the freshman, sophomore, or junior who has the highest quality index for the year. Such student must be a candidate for a degree, and must have taken a minimum of 30 semester hours of college work during the year in which the medal is awarded to him. No student can win this medal a second time.

The C. Wright Mills Award in Sociology. This award is given each year to the outstanding senior majoring in sociology.

The Charles Betts Galloway Award for the best sermon preached by a ministerial student of Millsaps College is presented on Commencement Sunday. This annual award, established by the Galloway family in honor of the late Bishop Galloway, is a medal.

The Chi Chi Chi Award. The local chapter of Chi Chi Chi, a chemistry honorary, each year gives an award to the outstanding graduating senior in chemistry.

Chi Omega Award. Chi Omega sorority, seeking to further the interest of women in the social sciences, presents an award of $25 to the girl having the highest average for the year in the field of history, political science, psychology, sociology, econonics, or other courses in the social sciences.

The Clark Essay Medal is awarded annually to that student who presents the best and most original paper in an English elective course.

Computer Science Award. The Computing Center presents an award annually to the student who has the outstanding achievement in computer science.

The Deutscher Verein Award is made to a member of this organization for his or her outstanding contribution during the current school year.

The Eta Sigma Phi Awards are made to the students with the highest scholastic averages in Latin and Greek.

The Freshman Mathematics Award is made annually by the Department of Mathematics of Millsaps College to the most outstanding freshman in mathematics.

The Founder's Medal is awarded annually to the senior who has the highest quality index for the entire college course and has received a grade of Excellent on the comprehensive examination. Only students who have done at Millsaps College all the work required for the degree are eligible for this award.

General Chemistry Award. The Chemistry Department presents annually to the student with the highest scholastic average in general chemistry a handbook of chemistry and physics.

The General Physics Award. The Physics Department presents annually to the two students with the highest scholastic averages in general physics the "Handbook of Physics and Chemistry."

The Henry and Katherine Bellamann Award in the Creative Arts is a cash award and is intended to recognize the achievements of the student doing the most outstanding work in one of the creative arts—in writing, in composing, or in one of the graphic arts.

The Lambda Chi Alpha Award is given annually to that faculty member who has contributed most to understanding life and ideals set forth by the College.

The Mathematics Major Award is made annually to three majors. Each recipient is given a year's membership in the Mathematical Association of America.

The Mississippi Society of Certified Public Accountants' Award, a specially designed medal, is presented to the student majoring in accountancy who has shown superior achievement in accounting courses.

The Pendergrass Medal is awarded at Commencement to the outstanding senior student who plans to enter the pastoral ministry of the United Methodist Church and to enter seminary to prepare for this responsibility.

The President John F. Kennedy Award. The Political Science Department established the President John F. Kennedy Award to be given to the outstanding senior graduating in political science who has demonstrated qualities of excellence in academic career, personal integrity, and commitment to the highest ideals.

Ross H. Moore History Award. This award is given annually to the outstanding senior history major in recognition of Dr. Moore's distinguished service to Millsaps College for more than 50 years.

Schiller Gesellschaft Prize. The Schiller Gesellschaft offers an award annually to the graduating senior who is distinguished in the study of German.

The Janet Lynne Sims Award is a medal and $500 stipend presented annually to a full-time student majoring in pre-medicine who has completed four semesters of work. Selection is made on the basis of academic excellence. The award was established in 1977 in memory of Miss Sims by her parents, Mr. and Mrs. T. Stanley Sims, and her friends. Miss Sims would have been a member of the 1977-78 freshman class at Millsaps.

Theta Nu Sigma awards annually a certificate to the member of the graduating class who has done outstanding work in the natural sciences.

The Wall Street Journal Award is made annually by the Wall Street Journal of New York to the outstanding senior student majoring in the field of economics, accounting, and administration.

The West Tatum Award is made annually to the outstanding pre-medical student selected by the faculty.

4
curriculum

MILLSAPS WILSON LIBRARY
MILLSAPS COLLEGE

REQUIREMENTS FOR DEGREES

Millsaps College requires a total of 124 hours for the Bachelor of Arts, Bachelor of Science and Bachelor of Business Administration degrees, and 128 hours for the Bachelor of Music degree.

1. Requirements for All Degrees*

124 hours (128 hours for the Bachelor of Music degree) are required for graduation, these to consist of

a. 120 (124 for the B.M. degree) letter graded academic hours excluding activity courses but including core requirements and major requirements. The only exception is that a maximum of 6 hours in the internship program may be graded on a credit/non-credit basis.

b. a minimum of 1 hour of a Physical Education activity course graded by either letter grade or on a credit/non-credit basis.

c. a minimum of 3 additional hours graded by either letter grade or on a credit/non-credit basis.

(*Effective August 24, 1979)

2. Core Requirements for All Degrees:

MAN AND HIS CULTURE

Literature . . . . . 6 Hours
English 201-202 or World Literature 203-204

Fine Arts . . . . . 3 Hours
Art 101-102, 104-105, 210, 220, 230, 201-202, 320
Music 101-102, 111-112, 121-122, 215, 251-252
Theatre 103-104

Religion and/or Philosophy . . . . . 6 Hours
Any religion or philosophy course for which the student qualifies (3 hours of which must be in Religion).

MAN AND HIS WORLD

Laboratory Science . . . . . 6 Hours
Biology 101-102*, 111-112, 121-122
Chemistry 101-102*, 121-123, 122-124
Geology 101-102
Physics 111-112 or 131-132 in addition to 151-152
(*Courses not applicable towards a B.S. degree)

Mathematics . . . . . 6 Hours
A minimum requirement of:
Mathematics 103-104** for the B.A. and B.M. degree
Mathematics 115-116 for the B.S. degree (8 hours)
Mathematics 103-104 or 115-116 for the B.B.A. degree
(**Mathematics 105-106 may substitute for 103-104 for elementary education majors. Credit cannot be allowed for both Mathematics 103 and 115.)

MAN AND HIS SOCIETY

Historical Man (Person) ..... 6 Hours
History 101-102, World History, Ancient History

Economics, Political Science, Psychology and Sociology ..... 6 Hours
Any course in the disciplines of anthropology, economics, political science, psychology and sociology for which the student qualifies (excludes Economics 201, 303, and 361 for administration and finance majors and Economics 201 for accounting majors).

Physical Education ..... 2 Hours

ENGLISH COMPOSITION

All freshmen are required to take one of the three programs in English composition, i.e., English 101-102, 103-104, or 105, except those who have made scores of 5 or 4 on the Advanced Placement Examination of the CEEB ..... 3-6 Hours

HERITAGE PROGRAM

Heritage, an interdisciplinary program designed for freshmen, fulfills the following requirements:

Literature	(6 Hours)
Fine Arts	(3 Hours)
Religions	(3 Hours)
Philosophy	(3 Hours)
History	(6 Hours)

3. Additional Requirements for Bachelor of Arts and Bachelor of Music Degrees:

Proficiency at the intermediate level (202) of a foreign language ..... 6-12 Hours
Philosophy ..... 3 Hours

4. Additional Requirements for the Bachelor of Science Degree:

Two additional one-year courses in the natural sciences to be chosen from: #

Biology 111-112, 121, 122 ..... 8 Hours
Chemistry 121-123, 122-124 ..... 8 Hours
Geology 101-102 ..... 6 Hours
Mathematics 223-224, 225-226 ..... 6-10 Hours
Physics 111-112 or 131-132 in addition to 151-152 ..... 8 Hours

(#The distribution of the total science requirement for the B.S. degree must include courses in three disciplines from the above list.)

5. Additional Requirements for the Bachelor of Business Administration Degree*:

Accounting 281-282 ..... 6 Hours
Administration 221, 275 and 271 or Accounting 272 ..... 9 Hours
Economics 201 ..... 3 Hours

(*A grade of C or better for each course is required. The B.B.A. degree is available to administration and finance and to accounting majors only.

6. Art, Music, and Education Credit:

The maximum number of hours that will be accepted in art, music, and education applied toward a B.A. or B.S. degree is as follows: art, forty-two hours; music, forty-two hours; education, forty-two hours.

7. Residence Requirements:

One year of residence is required for graduation from Millsaps, and 30 of the last 36 hours of academic work must be done in residence. The two exceptions allowed to this rule are: (1) students who have been approved for the prescribed pre-medical technologist program may take the last 26 hours at the affiliated institution and (2) students leaving to enter graduate or professional school may transfer back the final 26 hours of work. In this latter case, however, residence will be required at Millsaps for the second semester of the junior year and the first semester of the senior year.

Three summer sessions will be considered as equivalent to the one year of residence required.

8. English Proficiency Requirement:

Before receiving a bachelor's degree each student is required to demonstrate proficiency in English composition and usage by passing an examination given by the English Department. It consists of a 500-word essay written extempore within two and one-half hours on a subject selected from a list furnished at the examination. Students who made grades of A or B on English 101-102, 103-104, or 105 at Millsaps are exempted from this requirement.

The examination is given by the English Department at two stated times in the academic year. The regular administration is on the second Thursday in November from 4 to 6:30 p.m. in Sullivan-Harrell Hall. A special administration of the examination is given on the second Thursday in March from 4 to 6:30 p.m. in Murrah Hall to seniors who hope to graduate but who have not passed the Junior English Proficiency Examination. Seniors who fail the special examination and who think they have compelling cause may petition the Academic Dean for an extraordinary administration of the examination in the Summer Session following. If the Dean grants the petition, he may also stipulate that the student must audit English 101-102 during the Summer Session.

All rising juniors, transfer students at the junior and senior levels, and seniors who failed the examination in their junior year must be present for the November administration of the proficiency examination.

Each student who fails the examination in November is assigned to a member of the English Department for remedial instruction.

9. Majors:

In addition to taking the prescribed work for the degree, the student must major in one of the following areas: Art, Biology, Chemistry, Economics, Accounting, Administration, Education, English, Finance, Geology, German, History, Mathematics, Music, Philosophy, Physics, Political Science, Psychology, Religion, Romance Languages, Theatre, Sociology and Anthropology.

Specific requirements for the major can be found under the appropriate department of instruction.

Students may be permitted to major in a subject only after careful consideration and with the consent of the head of the department.

A major for each student must be approved by one of the department heads not later than the beginning of the junior year. Three cards will be signed by the major professor to show approval of the choice of a major; and these cards will be kept on file, two in the Registrar's Office, and one with the major professor.

No junior or senior registration will be accepted as complete by the Registrar's Office without the signed approval of the major professor.

10. Comprehensive Examinations:

Before receiving a bachelor's degree the student must pass a satisfactory comprehensive examination in his major field of study. This examination is given in the senior year and is intended to cover subject matter greater in scope than a single course or series of courses. The purpose of the comprehensive examination is to coordinate the class work with independent reading and thinking in such a way as to relate the knowledge acquired and give the student a general understanding of the field which could not be acquired from individual courses.

The comprehensive examination requires at least three hours and is part written and part oral, the division of time between the two to be at the discretion of the members of the department concerned. The oral examination will be conducted by a committee composed of members of the department, and, if desired by the department, one or more members of the faculty from other departments or other qualified persons.

A student may take the comprehensive exmaination only if the courses in which (s)he has credit and in which (s)he is currently enrolled are those which fulfill the requirements in the major department. (S)he may take the examination in the spring semester if he will be within 18 hours of graduation by the end of that semester. The examination will be given in December or January for students who meet the other requirements and who will not be in residence at Millsaps during the spring semester.

The time of the comprehensive examination given in the spring semester is the last week in April of each year. Comprehensive examinations will not be given during the summer except by permission of the Dean. Those who fail a comprehensive examination may have an opportunity to take another examination after the lapse of two months. Additional examinations may be taken at the discretion of the chairman of the student's major department with the consent of the Dean of the Faculty.

11. Quality Index Required:

A minimum of 240 quality points is required for the B.A. and B.S. degrees; 248 for the B.M. degree. An over-all quality point index of 2.00 is required of all students. Transfer students must have at least a quality point index of 2.00 on their Millsaps work. The index is always calculated on total number of academic hours attempted; however, an exception to the rule of hours attempted is allowed in instances where courses are repeated at Millsaps beginning with the second semester of the academic year 1972-73 and thereafter for purposes of raising grades.

12. Application for a Degree:

Each student who is a candidate for a degree is required to submit a written application for the degree by November 1 of the academic year of graduation. This date will apply also to students who plan to complete their work in summer school. Forms for degree applications are to be secured and filed in the Registrar's Office.

13. Requirements for Second Degree:

In order to earn a second degree from Millsaps College a student must have thirty additional semester hours of work beyond the 124 semester hours required for the first degree and these additional hours must include all of the requirements for both the second degree and the second major.

14. Required Sequence of Courses for All Regular Students:

Freshmen students shall enroll in the appropriate course in English composition (unless exempt by examination) and in at least one other prescribed course as listed in the Core Curriculum or The Additional Degree Requirements.

Sophomore students shall enroll in at least two prescribed courses as listed in the Core Curriculum or The Additional Degree Requirements.

Enrollment in the required language courses will begin not later than the first semester of the junior year. It is recommended that language be started in the freshman or sophomore year. Those freshmen who, by virtue of previous study, plan to satisfy the language requirement taking courses at the intermediate level only, are strongly advised to begin such courses in the freshman year while their experience in the language chosen is recent.

PRE-MEDICAL AND PRE-DENTAL

It is the responsibility of the pre-medical and pre-dental students to consult the catalogs of the schools to which they wish to apply for their specific requirements. The following courses are required by many medical and dental schools.

Biology 121-122..... 8 hrs.
Chemistry 121-123, 122-124... 8 hrs.
Chemistry 231-233, 232-234...10 hrs.
English 101-102..... 6 hrs.
Mathematics 115-116.....8 hrs.
Physics 111-112 or 131-132 in addition to 151-152.....8 hrs.

The student is urged to consult with a member of the Pre-medical Advisory Committee (Berry, Beardsley, Saunders, Venator, McKeown) in designing a program that will fit particular needs, background, and interest.

Millsaps College and many medical and dental schools strongly recommend that the student obtain a baccalaureate degree in an area of interest. This catalog should be consulted elsewhere for the exact major and degree requirements. Millsaps and most medical and dental schools also strongly recommend that the student develop a sound background in the humanities and social sciences.

The student should remember that the requirements listed in a medical or dental school catalog are minimal but that (s)he should obtain maximum preparation. In general, the student who is weak in some science, as shown by performance in introductory college courses, is urged to take further work in that science to prepare adequately. The student should also utilize limited time in taking courses that will not be available during professional training. The following courses are recommended as electives by many medical and dental schools.

- Biology (251, 301, 381, 383, 391 or 315)
- Chemistry (251-252, 264-266 or 363-365, 364-366)
- English (201-202)
- Economics and Business Administration
- Foreign Language (reading knowledge)
- History (101-102)
- Mathematics (223-224 or 225-226)
- Philosophy
- Physics (301, 306, 311, 315, or 316)
- Psychology
- Sociology

The Heritage Program (see page 21). This program gives the student a more flexible schedule and time to take additional courses of interest and need.

PREPARATION FOR MINISTRY

A Program for students planning for or interested in exploring a form of professional Christian ministry

Millsaps College has enjoyed a tradition of close involvement with students from all denominations and faiths—particularly from The United Methodist Church—whose vocational goal or interest was a form of professional Christian ministry. The Preparation for Ministry Program is designed to offer a wide variety of experiences for persons who have decided on or would like to explore some form of Christian ministry as a personal vocation. The specific purposes of the program are as follows:

a. To encourage personal growth in relation to self and other persons.
b. To explore meanings and forms of ministry and to encourage openness to the many ways that the Christian Gospel speaks to human beings and their worlds.
c. To keep students closely in touch with the resources and personnel of their denomination or faith, and to serve as a liaison with key administrative persons of these bodies.
d. To support students who wish to explore some form of professional ministry as a possibility for themselves.
e. To assist students in developing a vision for their own ministry.
f. To involve students in various types of competency training relevant to professional ministry
g. To provide a supportive, encouraging community for students planning for or interested in professional ministry.

The Preparation for Ministry Program provides a basic link between the college and the conference/diocese/presbytery or other structure to which a student is responsible. In the case of United Methodists, the Program is a supplement to the Candidacy Program. This Program is also a clearinghouse for student employment in various capacities in congregations or church agencies. Participation by United Methodist students is obligatory for receiving the ministerial grant.

The following is the format for the program on a four-year basis:

First Year: Exploration of personal motivations for professional ministry through a variety of personal interviews, group sessions and programs; building relationships with other participants; exploring meanings and forms of ministry through interviews, programs and field trips.

Second Year: Personal growth experiences through two weekend personal growth seminars (one each semester) focused on self-development, assessment of style of working with people and interpersonal relations, with continuing emphasis on the development of one's personal vision of ministry, and with optional personal growth experiences growing out of these seminars; experiences designed to expose students to working situations (church school classes, youth ministry programs, etc.); training in knowledge and skills for particular tasks, with options according to previous experiences and interests, in areas such as education, music, youth ministry, group dynamics, planning process, and other areas to be designated as the need arises.

Third Year: Internships to be developed in consultation with the student in order to fit his or her interest. (Internships will carry academic credit in the Department of Religion and will include careful goal-setting, supervision and reflection); consultations as preparation for seminary choice and enrollment.

Fourth Year: Further skill training; seminar based on personal growth, need assessment and goal setting.

Special arrangements will be made for persons who transfer in after the first or second years of their college work and for persons with special circumstances.

The coordinator for the Preparation of Ministry Program will be the Chaplain to the College, assisted by the Department of Religion and two pre-seminary students. These persons will work with an advisory committee which will include the Deans of Students, the Academic Dean, the Director of Church Relations, representatives of the Supervising Pastors of the two United Methodist conferences in Mississippi, representatives of denominations or faiths other than United Methodist, chairpersons of the Boards of Ordained Ministry and other students who are interested in or planning for some form of professional Christian ministry. All incoming students who will receive the ministerial grant or who would like to explore Christian ministry as a personal vocation may secure a flyer and enroll in the Program in the Department of Religion or the Office of the Chaplain.

PRE-LAW

No particular major or sequence of courses is necessary for students planning to go to law school; there is no ideal pre-law program for all students. To do well in the study of law, a student should possess

(a) ability to communicate effectively and precisely;
(b) critical understanding of the human institutions with which the law deals;
(c) creative power in thinking.

Different students may obtain the desired training in these three areas from different courses. Therefore, students should consult with their faculty or major advisers and with the pre-law adviser in designing a program of courses that will best fit particular needs, background, and interests. The student with a pre-law interest should consult the pre-law adviser, Mr. Adams, from time to time.

PRE-SOCIAL WORK

Students who wish to prepare for a professional career in social work should plan a broad liberal arts program with a major in one of the social sciences. Introductory courses in Sociology, Psychology and Social Work are essential. Other courses which are strongly recommended include Social Problems, Theories of Personality and Social Psychology. Internships can provide valuable practical experience with community social welfare agencies. Students are urged to consult with their faculty advisers to plan a schedule.

EDUCATIONAL CERTIFICATION PROGRAMS

TEACHER EDUCATION

A placement bureau for teachers is maintained under the direction of the Department of Education. It seeks to further the interests of teachers educated at Millsaps College and to be of service to school officials who wish to secure able teachers.

Millsaps offers a major in elementary education at two levels: kindergarten through the third grade; fourth through the eighth grade. Students may choose to certify in both levels.

A major in secondary education is not offered; the student desirous of secondary certification is required to major in some department other than Education. For endorsement to teach, the student must take certain specified courses in general education, specified courses in a major field, and specified courses in education.

State requirements for teaching certificates are quite detailed and specific, and students must take the exact courses specified. It is the responsibility of the student at both the elementary and secondary levels to coordinate courses for certification to teach with requirements for graduation from Millsaps.

At all levels students have an opportunity to do laboratory work in both public and private schools.

The courses listed below are specific courses required to qualify the Class A Elementary Certificate and the Class A Secondary Certificate.

ELEMENTARY EDUCATION PROGRAM

a. Minimum general education requirements for certification in grades K-3 and 4-8 are as follows:

	Sem. Hrs.
English	12
Science	12
Biological Science	3 sem. hrs.
Physical Science (earth science, chemistry, physics, astronomy, geology, space science, etc.)	3 sem. hrs.
The other 6 hrs. may be either physical or biological science	
Social Studies	12
American or World History	6 sem. hrs.
Child or Adolescent Psychology	3
Educational Psychology	3
Mathematics	6
The structure of the real number system and its sub-systems	3 sem. hrs.
Basic Concepts of Algebra and Informal Geometry	3 sem. hrs.
Personal Hygiene	3
Speech	3
Total	48

b. Specialized and Professional Education in Grades K-3:

Child Psychology	3
Child Development	3
Educational Psychology	3
Measurement and Evaluation	3
Math in the Elementary School	3
Reading in the Elementary School	6
Language Arts in the Elementary School (including its nature and structure)	3
Literature K-3	3
Science in the Elementary School	3
Social Studies in the Elementary School	3
Music in the Elementary School	3
Art in the Elementary School	3
Early Childhood Education	3
Student Teaching	6

c. One area of concentration selected from the following list will be obtained: (This area may include the hours earned in general education and specialized education.)

English (English 397 is required for this concentration)	18
Science (Education 320 will count toward this concentration)	18
Social Studies (Credit in philosophy, psychology, or religion will not be accepted toward this concentration; however, Education 321 is acceptable)	18

Mathematics (Education 211 will count toward this concentration) 12
Library Science 15
Reading 12
Speech 12
Art 15
Music (Credit in choir will not count toward this concentration) 12
Health and Physical Education (Credit in activity courses will not count toward this concentration) 15
Exceptional Children 12

d. Specialized and Professional Education in Grades 4-8:

Adolescent Psychology 3
Educational Psychology 3
Measurement and Evaluation 3
Math in the Elementary School 3
Reading in the Elementary School (including its nature and structure) 6
Language Arts in the Elementary School (including its nature and structure) 3
Literature 4-Junior High School 3
Science in the Elementary School 3
Social Studies in the Elementary School 3
Music in the Elementary School 3
Art in the Elementary School 3
Principles of Elementary Education 3
Student Teaching 6

e. Two areas of concentration selected from the previously enumerated list will be attained.

SECONDARY EDUCATION PROGRAM

	Sem. Hrs.
English	12
Fine Arts (Any course in art or music will meet this requirement)	3
Personal Hygiene	3
Science	12
6 sem. hours in biological science	
6 sem. hours in physical science	
Mathematics	3
Social Studies	12
American or World History or both	6 sem. hr.
Adolescent Psychology	3
Educational Psychology	3
Speech	3
Professional Education:	
a. Educational Psychology	3
b. Human Growth and Development of Adolescent Psychology	3
c. Principles of Teaching in High School	3
d. Secondary Methods Course Related to Teaching Field	3
*e. Directed Teaching in the Secondary Field	6
Total	18

*Three years of teaching experience in the secondary field (grades 7-12) may be substituted in lieu of Directed Teaching, but the applicant must have a total of 18 semester hours of professional education.

Specific courses which must be included for certification in a major field are:

English

English 301 or 302, 365 or 366 or 350, 397. Thirty semester hours are required for endorsement, of which three hours may be in Speech.

Foreign Language

Completion of the major requirements in any language will more than satisfy the requirements for teaching that language. It is recommended that the student also take two years of a second language.

Mathematics

Twenty-four semester hours are required for endorsement. Fifteen hours must include algebra, trigonometry, analytic geometry, and calculus, six hours of which must be in calculus. Nine hours must include two of the following areas: abstract algebra, modern geometry, foundations of mathematics, probability and statistics.

Music

Students planning to teach music in the public schools should confer with the chairman of the Music Department.

Science

Biological Science:

32 semester hours in science, including 16 semester or 24 quarter hours in biology, including botany and zoology

Chemistry:

32 semester hours in science including 16 semester hours in chemistry

Physics:

32 semester hours in science including 16 semester hours in physics

Earth Science:

32 semester hours in science, with a minimum of 16 semester hours in earth sciences (Geology, Meteorology, Astronomy)

General Science:

32 semester hours in any sciences. An endorsement to teach General Science must include the following:

	Sem. Hrs.
Earth and Space Science	3
Chemistry	3
Physics	3

Combined Science (biology, chemistry, and physics):

Biological Science (including Botany)	16
Chemistry	16
Physics	16

(A maximum of 8 semester hours in mathematics may be applied toward meeting the endorsement requirement in physics.)

Social Studies

Forty-five hours are required for endorsement, exclusive of religion, psychology, or philosophy. History 101-102 or Heritage 201-202; History 308; three hours in sociology and six hours each in economics, political science, and geography. Electives should be chosen to apply toward a major in history, economics, sociology, or political science.

Speech

Twenty-four semester hours. A maximum of 6 semester hours will be accepted from English. Other courses to include:

	Sem. Hrs.
Speech Fundamentals	3
Public Speaking	3
Oral Interpretation	3
Dramatics	3
Electives	12
Total	24

COOPERATIVE PROGRAMS

ENGINEERING

This program at Millsaps offers many opportunities for the student interested in engineering.

3-2 Engineering B.S. Program: At present we have arrangements with four engineering schools—Columbia University, Georgia Tech, Vanderbilt University and Washington University—by which a student may attend Millsaps for three years for a total of 96 hours or more and then continue work at any of the schools listed above, transferring back 32 hours or less for a B.S. degree from Millsaps and at the end of the fifth year receive the engineering degree from the engineering school.

4-2 Master's Program in Engineering: Columbia University also has a 4-2 program in which a student attends Millsaps for four years completing degree requirements and then spends two more years at Columbia to obtain a master's degree in engineering.

The Combined Plan Program offers degrees in Aerospace Science and Engineering, Civil Engineering, Computer Science, Electrical Engineering, Engineering Mechanics, Environmental Science and Engineering, Industrial and Management Engineering, Mechanical Engineering, Mining Engineering, Nuclear Engineering, Ocean Engineering, Applied Geophysics, Engineering Mathematics, Applied Physics, Flight Science, Materials Science, Operations Research, Plasma Physics, Solid State Science, Bioengineering, Chemical Engineering, Chemical Metallurgy, Metallurgical Engineering, Mineral Engineering, Engineering Biology, Applied Chemistry, and Materials Science.

The Dual Degree Program of Georiga Institute of Technology offers degrees in Aerospace, Ceramic, Chemical, Civil, Electrical, Industrial, Mechanical, Nuclear, and Textile Engineering. In addition, degrees are offered in Economic Systems, Engineering Science, Textile Chemistry, Textiles, Applied Biology, Chemistry, Information and Computer Science, Applied Mathematics, Physics, Applied Psychology, Behavioral Management, Economics, General Management, Industrial Management, and Management Science.

Vanderbilt University offers bachelor of engineering degrees in Chemical, Civil, Electrical, and Mechanical Engineering.

MEDICAL TECHNOLOGY

Millsaps College offers a three year program for those who plan to enter schools of medical technology. This college work includes not only the necessary science and mathematics courses, but also courses in history, fine arts, sociology, composition, literature, and other courses which insure a liberal arts experience for premedical technology students.

Millsaps College maintains a formal affiliation with several schools of medical technology which are approved by the Council on Medical Education and Hospitals of the American Medical Association. This is the only qualifying board recognized by the American Medical Association, the American Society of Clinical Pathologists, the American College of Surgeons, the American Hospital Association and other authorizative medical groups.

The medical technology student is expected to spend the first three years at Millsaps College (or transfer here from another recognized college, with at least the third year spent in residence here) and the senior year at the approved hospital. The student must complete the general requirements for the B.S. degree with a major in biology.

Students enrolled in approved schools of medical technology may transfer back the final 26 hours of work. The courses required for registry are accepted as completing the requirements of 128 semester hours for graduation. The B.S. degree is awarded at the first commencement exercise following the completion of the medical technology training.

Medical technology students who wish to complete four years of college may secure the B.S. or B.A. degree before entering an approved school of medical technology.

MEDICAL RECORD LIBRARIAN

Students may obtain baccalaureate degree training in the Medical Record Librarian Program at Millsaps College and at an approved institution. The correlated program of instruction covers each phase of medical record practice.

Millsaps College maintains affiliations with institutions with certificate training in medical record practice which are approved by the Council on Medical Education and Hospitals of the American Medical Association and the American Medical Record Association.

The medical record librarian student is expected to spend the first three years at Millsaps College (or transfer here from another recognized college, with at least the third year spent in residence here) and the senior year at the approved hospital. The student must complete the general requirements for the B.S. degree with a major in biology. The courses required for registry are accepted as completing the requirements of 124 semester hours for graduation. A satisfactory grade on the examination for registration by the American Medical Record Association as a registered medical record librarian (RRL) is accepted in lieu of the departmental oral comprehensive examination. The B.S. degree is awarded at the first commencement following the completion of the medical record librarian training and passing for the registry examination.

Medical record librarian students who wish to complete four years of college may secure the B.S. or B.A. degree before entering an approved school of medical record training.

SPECIAL PROGRAMS

The Honors Program

The Honors Program provides an opportunity for students of outstanding ability to pursue an advanced course of study which would ordinarily not be available. In the spring of their junior year honors students participate in an inter-disciplinary colloquium which intensively examines a topic of broad interest. In the senior year, students carry out a research project on a subject of their choice. This thesis is presented before a panel of faculty members at the end of the senior year. Students successfully completing all phases of the Honors Program receive the designation "with honors" in their major subject at graduation. Students interested in participating in the Honors Program should consult with their advisers in the fall of their junior year.

The Oak Ridge Science Semester

Under this program, sponsored jointly by the Southern College University Union and by the Energy Research and Development Administration, a Millsaps student may spend the spring semester of the junior or senior year studying and doing research at Oak Ridge National Laboratory, Oak Ridge, Tennessee. A full semester's academic credit is normally earned. The student technically remains an enrollee of Millsaps College for the purpose of scholarships and loans, which are not affected by participation in the program.

The Washington Semester

"The Washington Semester" is a joint arrangement between The American University, Washington, D.C., Millsaps College, and other colleges and universities in the United States to extend the resources of the national capital to superior students in the field of the social sciences. The object is to provide a direct contact with the work of governmental departments and other national and international agencies that are located in Washington, thus acquainting the students with possible careers in public service and imparting a knowledge of government in action.

Under this arrangement qualified students of demonstrated capacity from the participating colleges will spend a semester at the School of Government and Public Administration of The American University in Washington. They may earn fifteen hours toward graduation in their home colleges. Six hours of credit are earned in a Conference Seminar, in which high-ranking leaders of politics and government meet with students. Three hours of credit are earned in a Research Course which entails the writing of a paper by utilizing the resources available only at the nation's capital. The remainder of a student's course load constitutes electives which are taken from the normal offerings of American University. In Washington the program is coordinated by faculty members of The American University.

Millsaps will ordinarily send two students in each spring semester. These will be either juniors or first semester seniors and will be selected by a faculty committee in November of each year. Exceptionally well-qualified sophomores are occasionally accepted.

The student technically remains an enrollee of Millsaps College for the purpose of scholarships and loans, which are thus not affected by participation in the program.

The United Nations Semester

A cooperative program with Drew University in Madison, New Jersey, enables Millsaps political science majors to spend a semester making a first-hand study of the work of the United Nations. Participants may earn fifteen hours of credit toward graduation. Three hours of credit are earned in a Conference Seminar, which meets two days of each week in the United Nations Plaza. Members of the Secretariat, delegates, and special agency representatives often lead discussions in a planned program of studies. Students also earn three hours of credit by engaging in an individual research project on some phase of the United Nations. The remaining hours of credit are electives taken from the regular course offerings of Drew's liberal arts college.

The student technically remains an enrollee of Millsaps College for the purpose of scholarships and loans, which are thus not affected by participation in the program.

The London Semester

Another cooperative program with Drew University gives upperclass political science majors the opportunity to study in London, England, for a semester. Fifteen hours of credit are earned in the social sciences, with primary emphasis on political science. The faculty, including a resident director from Drew, includes members of the faculty of the London School of Economics and Political Science, Oxford University, Leeds University, and other outstanding schools. Students live in a residential hotel in the heart of London. Provision is made for an optional pre-Fall or post-Spring tour of the Continent at a modest cost.

The student technically remains an enrollee of Millsaps College for the purpose of scholarships and loans, which are thus not affected by participation in the program.

Legislative Intern Program

When the Mississippi Legislature is in session, selected political science students may participate in an internship program which permits them to observe the state law-making process. Students serve as aides to legislators and legislative committees, performing a variety of tasks such as research, writing, and marking up bills. Students also take part in a seminar with other interns to examine the legislative process. See Political Science 452.

Public Administration Internship

With the cooperation of city, state and federal agencies, students who have had the introductory public administration course may be placed in middle management level positions.

Study Abroad Programs

Millsaps College maintains cooperative arrangements with the Junior Year Abroad program at the Institute for American Universities at Aix-en-Provence, in France, and with the British Studies at Oxford summer study program. Other study abroad programs are available in most countries of Western Europe as well as in Latin America. Students interested in receiving college credit for such study may receive information concerning these programs from the chairman of the appropriate department or from the Academic Dean.

Cooperative Programs

With the permission of the Associate Dean and the chairman of the department involved, full-time students in Millsaps College may enroll for certain courses at either Belhaven College or Tougaloo College without additional fees. Belhaven College is located a few blocks east of the Millsaps campus. Tougaloo College is eight miles north, at the edge of Jackson.

These cooperative arrangements afford an opportunity for students to enroll in courses either not offered at Millsaps College or not scheduled during the appropriate semester or at an acceptable class hour.

Economics—Accounting—Finance—Administration Intern Programs

Students have the opportunity of obtaining specialized training and practical experience through an established Internship Program. The program involves prominent regional and national business organizations and an agency of the federal government. The student's training is conducted and supervised by competent management personnel according to a predetermined agenda of activities. Evaluation of the student's participation and progress provides the basis for granting appropriate academic credit. See offerings 451-452 in the Department of Economics, Accounting and Administration.

Small Business Institute

Students apply theory to practice by consulting small business management in the area. The program is sponsored by the Small Business Administration (SBA), an agency of the Federal Government.

Millsaps-Gulf Coast Research Laboratory Cooperative Program

Students at Millsaps College, especially those in the natural sciences, are permitted to enroll for one or more of the following courses at the Gulf Coast Research Laboratory as a part of their regular program of studies. The Laboratory is situated near Ocean Springs, 180 miles south of Jackson. Summer work at the laboratory provides first-hand knowledge of both marine and brackish water environments.

G141	Introduction to Marine Zoology (ZO 141)*	(4)
G331	Physical Marine Geology (GEO 331)*	(3)
G332	Chemical Marine Geology (GEO 332)*	(3)
G341	Marine Botany (BOT 341)*	(4)
G361A	Marine Invertebrate Zoology (ZO 361A)*	(6)
G361B	Marine Invertebrate Zoology II (ZO 361B)*	(6)
G362	Marine Vertebrate Zoology and Ichthyology (ZO 362)*	(6)
G451	Introduction to Physical & Chemical Oceanography (OCE 451)*	(5)
G452	Marine Microbiology (MIC 452)*	(5)
G461	Parasites of Marine Animals (ZO 461)*	(6)
G463	Estuarine & Marsh Ecology (ZO 463)*	(6)

*denotes Gulf Coast Research Laboratory course number.

For further information regarding these courses contact the GCRL coordinators on campus.

5
administration of the curriculum

GRADES, HONORS, CLASS STANDING

The grade in any class is determined by the combined class standing and a written examination. The examination is approximately one-third of the grade for the semester.

"A" represents superior work.
"B" represents above the average achievement.
"C" represents an average level of achievement.
"D" represents a level of achievement in the regularly prescribed work of the class below the average in the same relationship as "B" is above the average.
"E" represents a condition and is changed to a "D" if the grade in the other semester of the course is "C" or above, providing that the "E" precedes the higher grade on the student's record.
"F" represents failure to do the regularly prescribed work of the class. All marks of "D" and above are passing marks and "F" represents failure.
"WP" indicates that the student has withdrawn from the course while passing, and "WF" means withdrawal while failing.
"I" indicates that the work is incomplete and is changed to "F" if the work is not completed by the end of the following semester.
"CR" represents passing work in a non graded course taken for hourly credit (not computed in GPA)
"NC" represents no credit in a non graded course taken for hourly credit (not computed in GPA)

Quality Points

The completion of any academic course with a "D" shall entitle a student to one quality point for each semester hour; a grade of "C" for the semester shall entitle a student to two quality points for each semester hour; a grade of "B" for the semester shall entitle a student to three quality points for each semester hour, and a grade of "A" shall entitle a student to four quality points for each semester hour. A quality point index is determined by dividing the total numer of quality points by the number of academic hours taken. The change from a 3.00 to a 4.00 quality point index was made in 1968.

Class Standing

The following number of hours and quality points is required:

For sophomore rating.....24 hours; 24 quality points
For junior rating.....52 hours; 72 quality points
For senior rating.....90 hours; 144 quality points

A student's classification for the entire year is his/her status at the beginning of the fall semester.

Student-Status

Only students taking 12 or more academic hours will be classified as full-time students. Students taking less than 12 academic hours may not represent the College in extracurricular activities.

A student who holds a baccalaureate degree and enrolls for additional work is classified as a special student.

Credit/No Credit Grade Option

The purpose of credit/no credit grading is to encourage students to take courses in areas they might not otherwise select. Credit/no credit grading requires full participation of the student in all class activities. Credit signifies work of passing quality or above. It will not carry quality points nor be included in the G.P.A. When grade option is available, however, it will be incumbent upon the student to make the choice at the time of registration. Any change in grading option must be made within the drop-add period. (Exception: Theatre activity may be added later with appropriate approval).

This option is limited to the following ACTIVITY courses*:

1. music ensembles
2. theatre activity courses
3. physical education activity courses

(*An activity course is defined as an approved, faculty-supervised physical, intellectual, or cultural activity available to the student outside the regular classroom offerings.)

Repeat Courses

If a student repeats a course previously taken at Millsaps College, the highest grade earned will be used in computing the quality point average. However, the original grade remains a part of the record. This regulation applies only to those courses taken originally, during, or after second semester 1972-73 at Millsaps College, and thereafter.

Graduation With Distinction

A student whose quality point index is 3.2 for the entire course shall be graduated Cum Laude; one whose quality point index is 3.6 and who has a rating of excellent on the comprehensive examination shall be graduated Magna Cum Laude; and one whose quality point index is 3.9 and who has a rating of excellent on the comprehensive examination shall be graduated Summa Cum Laude.

To be eligible for graduation Cum Laude, Magna Cum Laude or Summa Cum Laude, a student must have passed at least 60 academic semester hours in Millsaps College. Distinction or special distinction may be refused a student who, in the judgment of the faculty, has forfeited the right.

In determining eligibility for distinction or special distinction for students who have not done all their college work at Millsaps, the quality points earned on the basis of grades made at other institutions will be considered, but the student will be considered eligible only if (s)he has the required index both on the work done at Millsaps and on college courses as a whole.

Graduation With Honors

A full-time student with junior standing who has an over-all quality point index of 3.0 may apply to the department chairman for permission to declare as a candidate for honors. Admission requires acceptance by the chairman and approval by the Honors Council. Entrance into the Honors Program becomes effective in the spring semester of the junior year.

Honors Program

The Honors Program extends over three semesters. A student admitted will in the second semester of the junior year enroll with the honors adviser in a directed study entitled Honors I (Colloquium). Enrollment in Honors II and III (Research) will ordinarily follow in the fall and spring semesters of the senior year. A letter grade will be given for each of these courses. The three semesters of honors work are intended to culminate in an honors paper presented to the Honors Council and defended before an examining board.

The first semester in the Honors Program consists of an Honors Colloquium designed to bring together for intellectual exchange all students in the Honors Program. The aim of the Honors Colloquium is the total involvement of good minds in the exchange of ideas and values centering around selected themes and areas of investigation of mutual interest to all disciplines. The Honors Colloquium is required of all students in the Honors Program.

A candidate who completes the honors work satisfactorily, who presents and defends the honors paper satisfactorily, who has a 3.0 over-all quality point index, and who has a 3.33 index in honors work will be graduated with Honors. A candidate who has a 3.6

over-all quality point index, who has 4.0 index in honors work and and who has presented a superior honors paper will be graduated with High Honors.

A student may voluntarily withdraw the candidacy for honors at any time. Students enrolled in honors courses are, however, bound by the general college rules for dropping a course and for receiving course credit. Candidacy may be involuntarily terminated at any time upon the recommendation of the honors adviser and with the approval of the Honors Council.

Dean's List

Those meeting these requirements are on the Dean's List:

1. Scholarship:
   (a) The student must carry not less than 12 academic hours during the semester on which the scholastic average is based;
   (b) The student must have a quality point average for the preceding semester of 3.2;
   (c) The student must have no mark lower than a C for the preceding semester.
2. Conduct:
   The student must be, in the judgment of the deans, a good citizen of the college community.

Hours Permitted

Fifteen academic semester hours is considered the normal load per semester.

No student may take more than 17 semester hours of academic work unless he or she has a quality index of 2.5 on the latest previous college term or semester. No student may take more than 19 semester hours unless he or she has a quality point index of 3.00 on the latest previous college term or semester and obtains permission from the associate dean. No student may receive credit for more than 21 hours in a semester under any circumstances. In order to be classified as a full-time student, one must take no fewer than 12 semester hours. Part-time students may take a maximum of nine hours, or ten hours if a laboratory course is part of the load.

ADMINISTRATIVE REGULATIONS

Schedule Changes

A freshman may not enroll for more than eight hours of laboratory science courses in any one semester except upon the recommendation of the student's official adviser.

No student can be registered for courses in another college while being enrolled at Millsaps without the written permission of the Associate Dean.

A student cannot change classes or drop classes or take up new classes except by the consent of the associate dean, the faculty adviser, and all faculty members concerned. Courses dropped within the first two weeks of a semester do not appear on the student's record. Courses dropped after the first two weeks and before the middle of a semester are recorded as WP (withdrawn passing) or WF (withdrawn failing). Courses dropped after the middle of a semester are recorded as failures. If a student drops a course without securing the required approvals, he or she receives an F.

Withdrawal

A student desiring to withdraw within any term must obtain permission from the associate dean and file a withdrawal card. No refund will be considered unless this written notice is procured and presented to the Business Office.

Refunds will be made only as outlined under "Financial Regulations."

A student who withdraws with permission after the first two weeks of a semester is recorded as WP (withdrawn passing) or WF (withdrawn failing) in each course. A student who withdraws without permission receives a grade of F in each course.

Enforced withdrawal may result from habitual delinquency in class, or any other circumstance which prevents the student from fulfilling the purpose for which he or she should have come to college.

The college reserves the right to cancel the registration of any student. In such a case, the pro rata portion of tuition will be returned, except that students withdrawing under discipline forfeit the right to a refund.

No student who withdraws is entitled to a report card or to a transcript of credits until he or she has settled accounts in the Business Office.

Automatic Exclusion

To remain in college a freshman must pass in the first semester six hours of academic work.

After the first half year a student must pass at least nine hours of academic work each semester to continue in college.

Furthermore, the maximum number of semesters a student may be on academic probation without automatic exclusion is two.

Students who are requested not to re-enter because of academic failure may petition in writing for readmission, but such petition will not be granted unless convincing evidence is presented that the failure was due to unusual causes of a non-recurring nature and that the student will maintain a satisfactory record during the subsequent semester.

Probation

Probation is defined as follows:

Academic Probation—

Students who pass enough work to remain, but make in any semester a quality index of less than 1.5 will be placed on probation. Restricted attendance privileges apply for all courses in which students are enrolled.
Students may be removed from probation by making a 2.00 quality point index during a regular semester or during a summer session at Millsaps College in which the student is enrolled for at least twelve academic hours credit. A student is asked not to re-enroll at Millsaps College if (s)he is on academic probation more than two semesters during a college program.

Disciplinary Probation—

Students guilty of serious infractions of College regulations may be placed on disciplinary probation at the discretion of the appropriation dean or faculty committee. Restricted attendance privileges may apply for such a student in all courses in which (s)he is enrolled.

Class Attendance

Irregular attendance indicates that the student may be having difficulties adjusting to the course or to college. The primary responsibility for counseling with students with respect to their absence rests with the faculty member; but, in the following circumstances, the faculty member is expected to bring the student's unsatisfactory attendance record to the attention of the associate dean:

1. For a freshman—whether the total absences are equal to twice the number of class meetings per week.

2. For any student—
   a. When (s)he has been absent three successive class meetings for reasons unknown to the instructor.
   b. Whenever a student's absence is such that (s)he is in danger of failing the course.

This reporting of absences to the associate dean is for counseling purposes only, and has no effect on the student's grade.

Individual faculty members decide the manner and extent to which absences alone will affect a student's grade. Each faculty member is expected to outline the policy in writing to each class at the beginning of each semester. This may extend to dismissal from the course with a grade of "F" for reasons solely of absence.

Absences are excusable only by the individual faculty member, but an excused absence does not excuse the student from being responsible for the course work. Explanations for a student's absence provided by a parent, medical doctor, or a member of the faculty or administration may be helpful to the faculty member, but such explanations are not in themselves excuses. This is particularly important in the case of absences involving missed examinations, late assignments, laboratory sessions and similar scheduled commitments. Faculty members, however, may not excuse students from attendance on the two days preceding and the two days following vacation periods without the express permission of the associate dean.

Each student is responsible for knowing general attendance policy of the college and the particular policies operative in each class. Further details relating to attendance are in the student handbook, **MAJOR FACTS**.

Senior Exemptions

Students may elect to be exempt from final examinations in the semester in which they complete their comprehensive examinations, but only in those courses in which they have a "C" average or better. It shall be understood, however, that this exemption does not insure the student a final grade of C, since daily grades during the last two weeks shall count in the final average. Under no circumstances may a student be exempt from any examination in more than one term or semester.

Students may be exempt from final examinations only in the semester in which they complete their comprehensive, scholastic requirements being met.

Seniors may be allowed one special examination in any subject taken and failed in the senior year. Permission for such examination must be secured from the associate dean.

Student Behavior

Millsaps students are expected to act with honesty and integrity in personal, social, and academic relationships, and with consideration and concern for the community, its members, and its property. The Board of Trustees and the administration affirm the right of the individual to the privacy of his room. The use of intoxicating beverages is not a part of, nor does it contribute to, the total educational emphasis of Millsaps College. The use, possession, or distribution of intoxicants, narcotics, or dangerous drugs, such as marijuana and LSD, except as expressly permitted by law, is not permitted. The Board of Trustees does not approve of the use of alcoholic beverages on the Millsaps campus and does not permit the use of any alcoholic beverages in any public area of the campus. For the purpose of the statement, a public place is defined as any part of the campus which is not within the confines of the student's room. Gambling is not permitted on campus.

A more comprehensive statement is contained in the student handbook. Specific regulations pertaining to academics, residence halls and other facets of campus life are available through the Student Affairs Office.

6
departments of instruction

Courses 101-198 Primarily for freshmen.
Courses 201-298 Primarily for sophomores.
Courses 301-398 Primarily for juniors and seniors. (advanced, or upper-division courses)
Courses 401-498 Special departmental courses.

Courses represented by odd numbers are normally taught during the fall semester; even-numbered courses, during the spring semester.

"G" Indicates courses offered at the Gulf Coast Research Laboratory.
"S" Indicates courses offered in summer only.
"X" Indicates courses carrying extra-curricular credit only.

Non-Departmental Courses

Heritage 101-102. The Cultural Heritage of the West (7-7). An essentially chronological portrayal of the heritage of Western man viewed from the perspectives provided by literature, history, religion, philosophy, the arts, and other disciplines. The course will be made up of a balance of lectures, discussion and laboratory sessions, and occasional field trips. Designed for entering freshmen, but open to some sophomores. Limited enrollment. Co-requisite for entering freshmen: English 103-104.

Natural Science G480. Gulf Coast Summer Research in Marine Science. Supervised study in shallow marine environments for advanced science majors. Directed by one of the Millsaps science faculty assisted by the staff of Gulf Coast Research Laboratory, Ocean Springs, Miss. Group and individual investigations in zoology, biochemistry, botany, geology, geochemistry, physics, physical oceanography, and chemical oceanography. Room and board at the Laboratory. 3-12 hours credit. Prerequisites: 20 hours in the student's major and 12 semester hours in the supporting sciences or mathematics.

Offered each summer at Gulf Coast Research Laboratory.

Library 405 (1 to 3 hours) Independent Study. A course designed for the student wishing to explore independently a subject of inter-departmental interest, a subject requiring extensive reading or research, or a subject area not directly related to an existing department. The student must present a written proposal stating objectives for the approval of the head librarian and the major professor. Working closely with a library faculty member, and when necessary with the advice of a subject specialist, the student reads broadly in the subject, concluding with a bibliography and report.

ANCIENT LANGUAGES

The Alfred Porter Hamilton Chair of Classical Languages

Professor Emerita: MAGNOLIA COULLET, A.M.
Assistant Professor: RICHARD FREIS, Ph.D., Chairman

Courses have been set up: 1.) to give students taking their language requirements a firm basis in grammar and an introduction to the literature; 2.) to provide a firm foundation for those students who wish some knowledge of Latin or Greek to help them with medical and other scientific terminology, with New Testament studies, and as a background for studies in Romance Languages and English; and 3.) to permit students without Greek and Latin to make direct contact with the Classical past from which our Western Civilization arose. Credit is not given for the first semester of the elementary course unless the second semester is completed.

CLASSICAL CIVILIZATION

The following courses are conducted in English; they are open to all students for elective credit regardless of classification. Different courses in this sequence will be offered from year to year.

301. Mythology. A study of the ancient myths of Greece and Rome and their influence on later literature; some comparative material may be introduced from Near Eastern, Indian, and Norse mythology. **Offered Fall, 1979**

312. Greek Tragedy. After a brief introductory study of Greek theater production and the social-religious context of Greek tragedy, the class will read the main surviving works of the three great tragedians, Aeschylus, Sophocles, and Euripides, and close with the two critical works, Aristotle's **Poetics** and Aristophanes' comedy about tragedy, **The Frogs**. **Offered Spring, 1980**

303. The Classical Epic. At the head of Western literature and thought stand the two Homeric poems, the **Iliad** and the **Odyssey**. The class will begin by studying the Homeric poems in themselves and as shaping factors in Western civilization. Then, after a brief study of the later Greek works, Hesiod's **Works and Days** and **Descent of the Gods** and Appollonius' **Voyage of the Argo**, it will turn to Vergil's **Aeneid**, in which the Homeric poems are transformed in the service of a quite different but no less important vision of man. **Offered Upon Demand**

320. Ancient Religion. This course will examine the religious beliefs and institutions of the ancient world both in themselves and as the background out of which and often in struggle with which Judaism and Christianity developed. It will study ancient Near Eastern religions; pre-Olympian, Olympian, and mystery religions in Greece; the development of gnostic and mystery religious movements in the Hellenistic period; and the conflict of religious movements in the Roman Empire. **Offered Upon Demand**

305. Classical Art and Archaeology. This course will focus on the changing vision of the world and human experience in ancient art and the forms and techniques which artists evolved to represent that vision. The class will also examine the efforts of archaeologists to bring the lost works of ancient civilization to light. There will be one field trip to the Museum of Classical Archaeology at the University of Mississippi. **Offered Spring, 1979**

316. Socrates and the Socratic Tradition. Socrates is one of the two primary moral teachers of the West; his student, Plato, and Plato's student, Aristotle, established the ruling Western philosophic tradition. After a brief discussion of philosophy before Socrates, the class will read and discuss several dialogues in which Plato discusses man, the state, and the universe, turn to related selections from Aristotle, and finally examine the echoes of the Classical Socratic tradition in the views of Epicurus, the Stoics, and Cicero. **Offered Upon Demand**

307. The Classical Historians. A reading of major portions of the first great historians of the West, Herodotus, Thucydides, Polybius and Tacitus; the class will focus especially on the conceptions of the world, man, and the proper aims and methods of history which underlie and shape each writer's works. **Offered Upon Demand**

318. Roman Civilization. This course is designed to familiarize students with various facets of Roman life—history, art and architecture, public and private life, history of literature, etc. The class will make substantial use of audio-visual illustrations. **Offered Upon Demand**

309. Athens: The Life of a Greek City-State. This course will explore the pattern of life in the Greek city-state Athens in all its many dimensions from the Age of the Tyrants through the Golden Age of Pericles and the political struggles and cultural flowering of

the fourth century to its struggle against and absorption into the world-empire of Alexander the Great. The course will make substantial use of writings by Greek authors and some use of audio-visual illustrations so that as much as possible the Greek experience will speak for itself. **Offered Upon Demand**

314. The Ancient World. This course will cover the chief phases of the history of the West from the breakthrough to civilization in the Near East to the fall of the Roman Empire. **Offered Upon Demand**

LATIN

101-102. Elementary Latin (3-3). Designed for students who have undertaken no previous study of the language. Attention is paid to the thorough mastery of forms, vocabulary, syntax and the techniques of translation. **Offered 1979–80**

201-202. Intermediate Latin (3-3). A thorough review of grammar is made in the first part of the semester and then selections from Sallust and Cicero's orations are read. Selections from Vergil's **Aeneid** are read during the second semester. Prerequisite: Latin 101-102 or the equivalent. **Offered 1979–80**

301-302. Elementary Latin Prose Composition (3-3). A course designed to increase the student's grasp of syntax and style through practice in writing Latin prose; the course will pass from sentences illustrating basic syntactical topics to the composition of brief connected essays. Prerequisite: Latin 201-202. **Offered Upon Demand**

303. Odes of Horace (3). Prerequisite: Latin 201-202. **Offered Upon Demand**

314. Roman Letters (3). Selected readings from the correspondence of Cicero and Pliny. Prerequisite: Latin 201-202. **Offered Upon Demand**

305. The Elegiac Tradition (3). Readings in Catullus and the writers of Latin love elegy, Tibullus, Propertius, and Ovid. Prerequisite: Latin 201-202. **Offered Upon Demand**

316. Latin Philosophical Prose (3). Readings from one or both of the following: A. Cicero's philosophical writings; B. Seneca's **Letters**. Prerequisite: Latin 201-202. **Offered Upon Demand**

307. Lucretius (3). Selected readings from the **De Rerum Natura**. Prerequisite: Latin 201-202. **Offered Upon Demand**

318. Roman Historians (3). Selected readings from one or more of the following: A. Sallust; B. Livy; C. Tacitus. Prerequisite: Latin 201-202. **Offered Upon Demand**

309. Roman Satire (3). Readings from one or more of the following: A. Horace; B. Persius; C. Juvenal. Prerequisite: Latin 201-202. **Offered Upon Demand**

320. Roman Drama (3). Selected plays from one or more of the following: A. Plautus, **Comedies**; B. Terence, **Comedies**; C. Seneca, **Tragedies**. Prerequisite: Latin 201-202. **Offered Upon Demand**

311. Ovid (3). Selected readings from the Metamorphoses. Prerequisite: Latin 201-202. **Offered Upon Demand**

322. Advanced Latin Composition: Prose or Verse (3). Prerequisite: Latin 301-302. **Offered Upon Demand**

401-402. Directed Readings (1-3—1-3). Additional Latin readings will be arranged to meet the needs or desires of students. Prerequisite: consent of the department chairman.

GREEK

Courses labelled 301-310 are suitable for second year course work; all courses after 101-102 are offered upon demand.

101-102. Introduction to Greek (3-3). Although this course stresses mastery of grammar, vocabulary and forms, some attention will be given to Greek literature and culture. Readings include selections from the Gospel of St. John, Xenophon's Anabasis, and Greek Poetry. **Offered 1979–80**

301. Plato (3). Reading of two shorter dialogues. **Offered Fall, 1979**

303. Greek New Testament (3). Selections from different types of New Testament writings. Gospel, Pauline Epistle, Pastoral Epistle. **Offered Fall, alternate years**

304. Homer (3). Reading of four complete books of the ILIAD. **Offered Spring, 1980**

306. Euripides (3). Reading of 2 plays. **Offered Spring, alternate years**

308-309. Elementary Greek Prose Composition. (3-3). Practice in writing Greek Attic Prose, designed to increase the student's grasp of syntax and style. **Offered Upon Demand**

321. Greek Tragedy (3). Readings from one or both of the following: A. Sophocles; B. Aeschylus. **Offered Upon Demand**

331. Greek Lyric Poetry (3). Selections from the lyrics of the archaic Greek poets of the 7th and 6th century B.C. **Offered Upon Demand**

341. Greek Historians (3). Selections from one or both of the following: A. Herodotus; B. Thucydides. **Offered Upon Demand**

351. Greek Orators (3). Selections from one or more of the following: A. Demosthenes; B. Isocrates; C. Lysias. **Offered Upon Demand**

361. Greek Comedy (3). Selections from one or more of the following: A. Aristophanes; B. Menander.

371. Greek Epic (3). Selections from one or more of the following: A. Homer; B. Homeric Hymns; C. Hesiod. **Offered Upon Demand**

381. Advanced Composition: Prose or Verse (3). Offered Upon Demand

401-402. Directed Readings (1-3—1-3). Additional Greek readings arranged to meet the needs or desires of the students.

ART

Assistant Professors: RUFUS TURNER, M.F.A., Chairman
LUCY WEBB MILLSAPS, M.A.

Requirements for Major: Majors in art must complete the requirements for the Bachelor of Arts Degree. In the B.A. core Esthetics (Philosophy 321) would be required by all art majors. There will be a required core of art courses that all art majors must take: Design 101 & 102, Drawing 104, 105 & 206; Painting 210; Ceramics 220; Printmaking 230; and Art History 201, 202 & 303. In addition to the 33 hour core, 9 hours of advanced art courses must be taken of which 6 hours would be the senior project. The Senior Project and participation in a Senior Exhibition are requirements for graduation as well as passing the oral department examination.

101-102. Design (3-3). Basic two-dimensional design principles and color theory with problems in composition.

***103. Three-dimension Design (3).** Three-dimensional design with an introduction to sculptural techniques. **Prerequisite: 101 & 102.

104-105. Drawing (3-3). Introduction to drawing using lines and tone to model still life objects, the figure and the landscape.

***206. Drawing (3).** Advanced problems in drawing the figure employing varied and mixed media. **Prerequisite: 103 & 104.

210-211. Painting (3-3). Oil and acrylic painting. The materials and properties of painting, methods of presentation and composition. Prerequisite: permission of instructor.

312. Painting (3). Advanced problems in painting using watercolor, gouache, and tempera. **Prerequisite 210 & 211.

220-221. Ceramics (3-3). Pottery making. First semester hand building and glazing, second semester wheel production.

322. Ceramics (3). Advanced problems into production, glazing, and problems in kiln building.

230-231. Printmaking (3-3). Relief and intaglio printing with emphasis on woodcut. **Prerequisite: permission of instructor.

332. Printmaking (3). Emphasis on individual problems in printmaking employing the intaglio process. **Prerequisite: 230 & 231.

201-202. Art History (3-3). An illustrated lecture course surveying the visual and plastic arts from pre-historic to contemporary times.

***303. Art History (3).** Three hours of art history in a specialized area such as American art, 20th Century art, or Renaissance art. (dependent upon background of the instructor and available slides in our collection, and the resources for increasing the slide collection.) Prerequisite: 201, 202.

***305. Lettering (3).** Experience in constructing and organizing the basic letter forms.

***310-311. Commercial Design (3-3).** Commercial design, illustration and layout relating to advertising and publications. Prerequisite: 101, 102, 104, 105 and 210.

320. Creative Photography (3). Experimental photography with both commercial and artistic application.

***330. Silkscreen Printmaking (3).** A basic silkscreen printmaking with both commercial and artistic applications. Prerequisites: 101, 102, 104, 105 & 230.

***401. Museumship (3).** A course offered in cooperation with the Mississippi Art Association and the Municipal Art Gallery in which students develop knowledge of the working of a gallery. Prerequisite to be worked out.

405-406. Independent Study (1-3—1-3). Open only to approved students.

***410. Commercial Art Internship (3).** A course in which the student would work for a local firm under the supervision of the Art Department. Prerequisite: 310 & 311.

*These courses would be added as soon as personnel and equipment permits.
**Prerequisites to some classes may be waivered but permission from instructor will be required.

420-421. Senior Project (3-3). A course in which the senior produces a body of quality works to be evaluated for his or her graduation. This would also be the main source of work for the senior exhibition.

BIOLOGY

Professors:	JAMES P. McKEOWN, Ph.D., Chairman
Associate Professor:	ROBERT B. NEVINS, M.S.
Assistant Professors:	DAVID C. HINES, Ph.D.
	MICKE J. SMITH, Ph.D.
Visiting Lecturer:	H. B. MUSICK, Ph.D.

Requirements for Major: A student must have a 2.50 average in biology and maintain this grade for the full course. All majors take Biology 111-112, 121-122, 315, 491, 492, one of 323, 333, or 369; either 345 or 351 and one of 372, 382, 383, or 391. Candidates for the B.S. must also take Chemistry 231-232 and one year of Physics. Other majors are required to take two approved electives in the Natural Sciences.

101-102. Fundamentals of Biology (3-3). Principles and theories of the life sciences including maintenance, reproduction, evolution, diversity, ecology, and biogeography; designed for non-science majors. Two discussion periods and one two-hour laboratory period a week.

111-112. Botany (4-4). First semester, structure and function of seed plants; second semester, evolutionary survey of plant kingdom; emphasis on lower plants. Two discussion periods and two two-hour laboratory periods a week.

121-122. Zoology (4-4). Invertebrate and vertebrate taxonomy, morphology, physiology and natural history. Two discussion periods and two two-hour laboratory periods a week.

S211. Comparative Anatomy (4). Structure of the organs and organ systems of the chordates, emphasizing the dissection of Amphioxus, lamprey, shark, salamander and cat. Two discussion periods and two two-hour laboratory periods a week. Prerequisite: Biology 121-122.

S221. Embryology (4). Fertilization, morphogenesis and differentiation of organ systems of vertebrates. Two discussion periods and two two-hour laboratory periods a week. Prerequisite: Biology 121-122.

235. Human Anatomy and Physiology (4). Structures and function of the human body. Two discussion periods and two two-hour laboratory periods a week; open to non-science majors. Prerequisite: 6 hours of biology.

251. Comparative Vertebrate Morphology (5). An integrated course in vertebrate Anatomy and Embryology. Reproduction and organ system differentiation and a comparative study of the gross anatomy of the vertebrate systems. Three discussion periods and two 2-hour laboratory periods a week. Prerequisite: Biology 121-122.

S261. Field Botany (3). Survey of local flora emphasizing plant systematics and ecology. Two discussion periods and one two-hour laboratory period a week. Prerequisite: 6 hours of biology.

301. Histology (4). Microscopic anatomy of the different vertebrate systemy, with an emphasis on basic tissue types. Two discussion periods and two 2-hour laboratory periods a week. Prerequisite: Biology 121-122.

315. Genetics (4). Mendelian genetics; the nature, transmission and mode of action of the genetic material; the role of genetics in development and evolution. Two discussion periods and two two-hour laboratory periods a week. Prerequisite: Biology 111-112; 121-122.

323. Plant Taxonomy (4). Principles of classification and evolution; collection and identification of local flora. Two discussion periods and two two-hour laboratory periods a week. Prerequisite: Biology 111-112.

333. Vertebrate Taxonomy (4). Identification, life history, ecology and evolutionary histories of the vertebrates. Two discussion periods and two two-hour laboratory periods a week. Prerequisite: Biology 121-122.

340-341. Field Biology (2 to 3—2 to 3). Environmental study trips throughout the United States. Emphasis on ecology and community composition. Two to three weeks away from campus on intensive field studies. Designed for science and nonscience majors. Prerequisite: Open by application only; limited enrollment; permission of instructor.

345. Ecology (4). Interrelationships between organisms and their physical environment; population dynamics and interactions, organization of biotic communities; energy flow, succession, community types. Two discussion periods and one four-hour laboratory a week. Prerequisite: Biology 111-112; 121-122.

S351-S352. Field Biology (5-5). Summer environmental study trips to United States, Canada, and Mexico. Five-week program with approximately three weeks away from campus on intensive field studies. Prerequisite: Open by application only; limited enrollment; 8 hours of biology or permission of instructor.

369. Population Biology (4). Biological phenomena at the population level. Emphasis on modern topics including population genetics, speciation, social behavior, principles of systematics. Two discussion periods and one four-hour laboratory period a week. Prerequisite: Biology 111-112 or 121-122.

372. Plant Physiology (4). Plant soil and water relations, metabolism, and growth regulation. Two discussion periods and two two-hour laboratory periods a week. Prerequisite: Biology 111-112; Chemistry 232-234.

381. General Bacteriology (4). Historical survey, pure culture methods of study, and the general morphology and identification of bacteria. Two discussion periods and two two-hour laboratory periods a week. Prerequisite: Biology 111-112; Chemistry 232-234.

382. Advanced General Bacteriology (4). Physiology and biochemical principles associated with studies of micro-organisms. Two discussion periods and two two-hour laboratory periods a wek. Prerequisite: Biology 381.

383. Immunology and Virology. The physiology, Biochemistry and genetics of the immune response; viral structure, function and relationship to host. Three discussion periods and one two-hour laboratory. Prerequisite: Biology 381.

391. Cellular Physiology (4). Study of the constituents, properties, and activities of protoplasm. Two discussion periods and two two-hour laboratory periods a week. Prerequisite or corequisite: Chemistry 232-234.

401-402. Reading and Conference in Biology (1 to 3—1 to 3). Prerequisite: Permission of instructor.

403-404. Undergraduate Research (1 to 3—1 to 3). Prerequisite: Permission of instructor.

415-416. Seminar in Biology (1-). One discussion period a week.

451-452. Internship (1 to 3—1 to 3). Practical experience and training with selected research, educational, governmental and business institutions. Prerequisite: Permission of instructor.

491-492. Senior Seminar: Biological Concepts (1-1). Selected topics of biological interest. Required of all senior biology majors. One discussion period a week.

CHEMISTRY

The J. B. Price Chair of Chemistry

Professors: ROY ALFRED BERRY, JR., Ph.D., Chairman
CHARLES EUGENE CAIN, Ph.D.
ALLEN DAVID BISHOP, JR., Ph.D.
GEORGE HAROLD EZELL, Ph.D.

Requirements for Major: All majors take Chemistry 121-122, 123-124, 231-233, 232, 234, 251-253, 491; and Computer 100 or 110. Candidates for the bachelor's degree accredited by the American Chemical Society must have a 2.5 average in chemistry and take Chemistry 341-343, 354-356, 363-365, 364-366; Physics 131-132, 151-152, 231; and mathematics through integral calculus. Two approved electives in chemistry, physics, or mathematics are required. German 201-202, or reading knowledge, is strongly recommended. Other majors are required to take Chemistry 264-266 or 363-365 and 364-366; Physics 111-112 or 131-132 in addition to 151-152; and two approved advanced electives in the natural sciences.

101-102. Chemistry for Citizens. (3-3). Chemical research and methods important in day-to-day living are studied. Two lectures and one application session a week. Not acceptable toward the bachelor of science degree.

121-122. General Chemistry (3-3). Atomic theory, theory of bonding, Kinetic Theory of Gases, chemical equilibrium, periodicity, liquid and solid state theory. Corequisite: Chemistry 123-124.

123-124. General Analytical Chemistry (1-1). Theory and applications of qualitative and quantitative techniques with emphasis on solution chemistry. Corequisite: Chemistry 121-122.

231-232. Organic Chemistry (3-3). Structure, reactions and theory. Prerequisite: Chemistry 121-122. Corequisite: Chemistry 233-234.

S231-S232. Principles of Organic Chemistry (3-3). Structure, reactions and theory. Prerequisite: Chemistry 121-122. Corequisite: Chemistry S233-S234.

233-234. Modern Methods in Organic Chemistry (2-2). Preparation, separation, and identification of organic compounds. Use of modern instrumentation. Corequisite: Chemistry S231-S232.

251. Analytical Chemistry I: Quantitative Analysis (2). Chemical equilibria, acid-base theory, oxidation-reduction, and an introduction into electrochemical techniques. Prerequisite: Chemistry 121-122. Corequisite: Chemistry 253.

253. Applications of Analytical Chemistry (2). Gravimetric and volumetric methods are presented in the laboratory with unknowns of acidmetry and alkalimetry, oxidation-reduction, iodimetry and precipitation methods.

264. Principles of Physical Chemistry (3). Gas laws, properties of liquids, properties of solutions, thermodynamics, chemical kinetics, catalysis, electrochemistry, and colloidal solutions. Prerequisite: Chemistry 121-122. Corequisite: Chemistry 266.

266. Principles of Physical Chemistry Laboratory (1). Corequisite: Chemistry 264.

334. Organic Qualitative Analysis (2). Identification of organic compounds and mixtures of organic compounds, and classification of organic compounds according to functional groups. Prerequisite: Chemistry 231-233. Corequisite: Chemistry 335.

335. Modern Methods in Qualitative Organic (2). Corequisite: Chemistry 334.

336. Advanced Organic Chemistry (3). Stereochemistry, mechanisms, and selected topics. Prerequisite: Chemistry 231-232.

341. Advanced Inorganic Chemistry (3). Atomic structure, theories of chemical bonding, spectrascopy, the electronic basis of periodic classification, and inorganic stereochemistry. Prerequisite: Chemistry 121-122, Mathematics 224 or 226.

343. Modern Coordination Chemistry (1). Coordination chemistry and inorganic reaction mechanisms. Corequisite: Chemistry 341.

354. Analytical Chemistry II: Instrumental Analysis (3). Absorption spectometry, emission spectrametry, potentiometry, polargraphy, differential thermal analysis, and gas phase chromatography. Prerequisite: Chemistry 363, or consent of the instructor. Corequisite: 356.

356. Analytical Chemistry II—Methods (1). Practical applications of chemical instrumentation. Corequisite: Chemistry 354.

358. Advanced Analytical Chemistry (4). Chemical equilibria in aqueous and nonaqueous solutions. Physical and chemical methods of separation: Chromatography, ion exchange, dialysis, flotation, and solvent extraction techniques. Prerequisite: Chemistry 354-356.

363-364. Physical Chemistry (3-3). Kinetic-molecular theory, chemical thermodynamics, phase rule, chemical kinetics, nuclear chemistry, surface chemistry, and electrochemistry. Prerequisite: Chemistry 121-122; Mathematics 224 or 226. Corequisite: Chemistry 365-366.

365-366. Physio-Chemical Methods. (1-1). Corequisite: Chemistry 363-364.

372. Geochemistry (3). An introduction into the application of chemical principles of geological systems: Carbonate equilibria, Clay colloid chemistry, Eh-pH diagrams, chemical weathering, organic materials in sediments, and phase diagrams. Prerequisite: Chemistry 363 or consent of instructor.

391. Biochemistry I. (4). Chemistry of biomolecules. Emphasis on Amino Acids and protein chemistry, mechanisms of enzyme action and enzyme kinetics, lipids and biological membranes, nucleotides and nucleic acids, carbohydrate chemistry. Prerequisite: Chemistry 231-232.

392. Biochemistry II. (4). Generation and storage of metabolic energy. Protein Biosynthesis. Molecular Physiology. Prerequisite: Chemistry 391.

S-393. Biochemistry I. (3). Chemistry of living organisms. Emphasis on biochemistry of proteins, carbohydrates, and lipids. Prerequisite: Chemistry 231-232.

S-394. Biochemistry II. (3). Photosynthesis, Nucleotides, Protein Biosynthesis, and Biochemical Control Mechanisms are emphasized. Prerequisite: Chemistry 393.

395. Biochemical Applications I. (1). Corequisite: Chemistry 393.

396. Biochemical Applications II. (1). Corequisite: Chemistry 394.

403-404. Undergraduate Research (1 to 3—1 to 3). Approved students only.

405-406. Independent Study (1 to 3—1 to 3). Open only to approved students.

411-412. Special Topics in Chemistry (1 to 3—1 to 3). Approved students only.

451-452. Internship (1 to 3—1 to 3). Practical experience and training with selected research, educational, governmental and business institutions. Prerequisite: Permission of instructor.

491-492. History & Literature of Chemistry (2-2). Designed to review and integrate basic chemical knowledge in conjunction with an oral and written presentation of scientific works. History of chemistry and the proper use of chemical literature are included.

COMPUTER STUDIES

Professors: ALLEN D. BISHOP, JR., Ph.D., Chairman
SAMUEL R. KNOX, Ph.D.
Associate Professor: ROBERT A. SHIVE, JR., Ph.D.

Although there is no major in computer science, a number of options are available for students who wish to study computer science and computer applications. A student may enroll in any of the several courses listed below. In addition, students can follow the pre-engineering curriculum with continued computer science study at one of the associated universities. Or, students can major in a closely associated field such as mathematics.

Facilities are among the finest for student use and include a large Digital Equipment PDP-11 RSTS timesharing system, a Digital Equipment PDP-8/e laboratory computer, and an EAI-TR20 analog computer. Terminals are located in several buildings on campus.

Computer courses are:

Computer 100. Introduction to Computing (1). Development of programming skills in the timesharing language BASIC. Designed to enable the student to utilize the computer in the several disciplines.

Computer 110. Computing, an Interdisciplinary Approach (3). Brief historical development and the concept of an algorithm. Introduction to computer languages with emphasis on the interactive language BASIC. The impact of computers on society. Stresses the solution of problems from diverse areas. If taken after Computer 100, only two hours credit allowed.

Computer 210. Computer Organization and Machine Programming (1 to 3). Discussion of fundamentals of computer hardware organization and symbolic coding with assembly systems. Prerequisite: proficiency in a higher level programming language.

Computer 271. Computer Programming in FORTRAN or PL/1 (3). FORTRAN programming (or PL/1) and research applications to the behavioral and natural sciences. (Same as Administration 271.)

Computer 272. Computer Systems for Accounting. (3). Introduction to data processing and COBOL or RPG programming with application to accounting and information systems. (Same as Accounting 272.)

Computer 318. Digital Electronics (3). Introduction to electronic processing of digitally coded information. Includes binary arithmetic, Boolean algebra, logic gates, storage elements and sequential logic, memory and processor circuits, microcomputer organizational. One three-hour lecture/laboratory plus two hours of independent laboratory work per week. Prerequisite: Physics 316 and an introductory computer programming course or, consent of the instructor. (same as Physics 318.)

Computer 352. Electronic Analog Computer (1). Linear components, timescale and amplitude-scale factors, non-linear components, and function-generating techniques. One lecture and one laboratory per week. Prerequisite: Mathematics 351. (Same as Mathematics 352.)

Computer 401-402. Directed study in computing (1 to 3—1 to 3). Prerequisite: Consent of instructor.

Computer 411-412. Selected Topics (1 to 3—1 to 3). Prerequisite: Consent of instructor.

Computer 491-492. Seminar (1 to 3—1 to 3). Prerequisite: Consent of instructor.

The computer is used as a tool in problem solving, model building and simulation in accounting, administration, astronomy, biology, chemistry, economics, mathematics, physics, political science, psychology, and sociology.

SCHOOL OF MANAGEMENT

The Chair of Management
The Dan White Chair of Economics

Professor:	RICHARD BRUCE BALTZ, Ph.D.
Associate Professor:	STEVE CARROLL WELLS, M.A., C.P.A.
Assistant Professor:	FRANCIS W. FROHNHOEFER, M.A., M.B.A., C.P.A.
	KAREN H. HOLLEMAN, M.B.A., C.P.A.

Accounting, finance and administration majors must complete additional requirements for bachelor of business administration degree (B.B.A.). Economics majors must complete additional requirements for either a B.S. or B.A. degree. The requirements for a major in accounting, in finance or in administration are in addition to courses which may be used to satisfy the minimum college requirements for all degrees and cannot be used to satisfy both areas. Majors must make a grade of C or better in all courses required by the department. Double majors in the department will be required to complete at least 21 additional hours in the department.

Requirements for major in Economics: An economics major is required to take Accounting 281-282, Mathematics 115-116, Administration 271 and Economics 201 or 202 before the junior year; Economics 303-304, 348 or 363 and Administration 275 during the junior year; Economics 361, 363 or 348 and 401-402 during the senior year. To prepare for graduate studies the student should include Mathematics 223-224 or 225-226.

Requirements for major in Accounting: The program of study is adequate preparation for the CPA examination. Accounting 281-282 must be completed before the junior year. Administration 131 is an ideal elective during the freshman or sophomore year.

An accounting major must take Mathematics 103-104, Accounting 281-282, Accounting 272, and Economics 201 before the junior year; Accounting 381-382, 391, Administration 275 and 362 during the junior year; Accounting 392, 395, 398, and Administration 221-222 during the senior year. Students may prefer to take 281-282 during the freshman year, 381-382 during the sophomore year, 395-391 during the junior year, and 392-398 during the senior year.

Requirements for major in Administration: This program is designed to balance course work and practical application.

An administration major must take Mathematics 103-104, Accounting 281-282, Economics 201, and Administration 271 before the junior year; Administration 221, 275, 351, 352, 362, and Economics 303 during the junior year; Administration 353, 376, and Economics 361 during the senior year and one 3-hour elective course offered by the department, excluding Economics 202.

Requirements for major in Finance: This program is designed to concentrate on financial analysis for decision-making.

A finance major must take Mathematics 103-104, Accounting 281-282, Economics 201, and Administration 271 before the junior year; Accounting 381-382, and Administration 275, 362, 367 or 368 and Economics 361 or 363 during the junior year; Administration 221, 365, 369 and Economics 361 or 363 during the senior year.

Program of Study of Public Administration: A program for students interested in public or government careers has been arranged in cooperation with the Department of Political Science. The student may major in either political science or in administration. If the student selects the major in administration, he may substitute certain required courses and will be required to substitute some hours of electives.

Transfer Credit: Transfer students should normally expect to satisfy the statistics requirement (Administration 275) at Millsaps. The typical first six hours of accounting principles will normally satisfy the department's 281-282 requirement. The typical six hours of sophomore economics will normally satisfy the Economics 201 or 202 requirement. Transfer students will be required to satisfactorily complete at least 18 hours of courses offered by the Department to meet the requirement for the BBA degree and the major, regardless of the specific requirements satisfied by transfer hours. In some instances this may mean repeating certain transferred, upper-division courses.

Suggestions for non-majors: Economics 201, 202, Accounting 281, 282 and Administration 131, 221, 222 are good entry-level offerings. Accounting X101-102 is an extra-curricula offering in the Department. Other courses in the Department are appropriate for electives, especially Economics 361, Accounting 272, 395 and Administration 271, 351, 353.

ECONOMICS

201. Principles (3). Basic principles of price theory, national income analysis, and international trade.

202. Problems and Issues (3). Class discussion of current problems and issues of national and international importance. No prerequisite.

303. Intermediate Microeconomic Theory (3). Value and distribution theory, market equilibrium, resource allocation, and public policy.

304. Intermediate Macroeconomic Theory (3). National income determination, commodity and money market equilibrium, public policy, and economic forecasting.

344. Regional and Urban Economics (3). Applications of economic theory to state and metropolitan economic systems. Prerequisite: Economics 201.

348. International Trade Theory (3). An extension and application of economic theory to international relations and to international financial systems. Prerequisite: Economics 303.

361. Money & Banking (3). Money and credit, capital markets, monetary institutions, and public policy. Prerequisite: Economics 201.

363. Public Finance (3). Analysis of public sector goods, decisions, taxation, budgets, and public policy. Prerequisite: Economics 201.

401-402. Directed Readings (1 to 3—1 to 3).

403-404. Undergraduate Research (1 to 3—1 to 3).

405-406. Independent Study (1 to 3—1 to 3).

411-412. Special Topics in Economics (3-3).

451-452. Internship (1 to 6—1 to 6). Practical experience and training with selected business and government institutions.

ADMINISTRATION

131. Introduction to Business (3). Business functions, administration processes, operations, techniques and problems.

221-222. Business Law (3-3). Introduction to legal systems, coverage of the Uniform Commercial Code with regard to contracts, negotiable instruments, personal property and sales transactions; the second semester covers the Code in regard to partnerships, corporations, real property, estates.

271. Computer Programming in FORTRAN or PL/1 (3). FORTRAN or PL/1 programming with research applications to the behavioral and natural sciences. (Same as Computer 271.)

275. Business Statistics (3). Probability, hypothesis, testing, analysis of variance, regression and correlation, time series, index numbers, Bayesian analysis.

351. Marketing Management (3). The marketing function; pricing practices, product policies, promotion, and planning.

352. Operations Management (3). Systems analysis, decision making, examination of management science techniques in problem solving.

353. Human Behavior in Organizations (3). Theories of organized structure, behavior, and communication; decision making in personnel administration; human capital.

362. Financial Analysis (3). The finance function; analysis and management, controlling, and financial policies. Prerequisite: Accounting 281 or consent.

365. Investment Analysis (3). Securities and commodities markets, government regulation of such markets, fundamental and technical approaches to investment and portfolio analysis. Prerequisite: Economics 201, Accounting 281, or consent.

367. Principles of Insurance (3). The concept of insurance, institutions, and applications to risk.

368. Principles of Real Estate (3). The basic concepts relevant to the ownership and management of property.

369. Advanced Financial Problems (3). The case study approach to the application of financial management. Prerequisite: Senior standing or consent.

375-376. Decision Making (3-3). The case study and simulation approaches are used for solution of problems in managerial economics, accounting, marketing, finance, personnel, and production. Prerequisite: Senior standing or consent.

401-402. Directed Readings (1 to 3—1 to 3).

403-404. Undergraduate Research (1 to 3—1 to 3).

405-406. Independent Study (1 to 3—1 to 3).

411-412. Special Topics in Administration (3-3).

451-452. Internship (1 to 6—1 to 6). Practical experience and training with selected business and government institutions.

X101-102. Personal Finance (1 to 2—1 to 2). Stock market, investing, and personal money management.

272. Computer Systems For Accounting (3). Introduction to data processing and COBOL or RPG programming with application to accounting and information systems. (Same as Computer 272.)

281-282. Introduction to Accounting (3-3). First semester, basic concepts and procedures; second semester, financial and administrative applications.

381-382. Intermediate Accounting Theory (3-3). Accounting principles applicable to the content, valuation, and presentation of the principal ledger items; the analysis of financial statements; working capital and operations; reorganization; selected topics. Prerequisite: Accounting 281-282.

391. Cost Accounting (3). Procedures for accumulating data for product costing with major emphasis on costs for managerial planning and control. Prerequisite: Accounting 281-282.

392. Auditing (3). A conceptual approach to auditing with attention directed to audit reports and informational systems. Prerequisite: Accounting 381-382.

394. Fund Accounting (3). Principles and applications appropriate to governmental and other non-profit institutions. Prerequisite: Accounting 381-382 or consent.

395-396. Tax Accounting (3-3). Problems and procedures in connection with federal and state tax laws including the preparation of various reports. Prerequisite: Accounting 281-282.

398. Advanced Accounting Problems (3). Practical problems and recent developments in accounting procedure. Prerequisite: Accounting 381-382.

401-402. Directed Readings (1 to 3—1 to 3).

403-404. Undergraduate Research (1 to 3—1 to 3).

405-406. Independent Study (1 to 3—1 to 3).

411-412. Special Topics in Accounting (3-3).

451-452. Internship (1 to 6—1 to 6). Practical experience and training with selected business and government institutions.

EDUCATION

Emeritis Professors:	MYRTIS FLOWERS MEADERS, M.Ed.
	ROBERT EDGAR MOORE, Ph.D.
Assistant Professors:	STEVE HERING, Ed.D., Chairman
	JEANNE M. MIDDLETON, Ed.D.

Education courses, except 205 and 207, are not open to freshmen. Professional training is offered in both the secondary and elementary fields and meets requirements of the Division of Certification, State Department of Education, for the Class A Certificate.

Requirements for Major in Elementary Education: Students must complete the courses necessary to obtain the Mississippi Class A Elementary Certificate.

205. Child Psychology (3). A study of the theories, principles, and characteristics of human development from conception to the period of adolescence. Same as Psychology 205.

206. Child Development (3). An advanced study of the cognitive, physical, emotional, and psychological development of the child. Prerequisite: Education/Psychology 205.

207. Adolescent Psychology (3). A study of the psychological and biological problems in the developing adolescent. Same as Psychology 207.

211. Mathematics in the Elementary School (3). This course teaches an understanding of the structure of the number system as well as the vocabulary and concepts of sets, algebra, and geometry on the elementary level, with emphasis on individualized instruction. Prerequisite: Psychology 205 or 207.

213-214. Reading in the Elementary School (3-3). Prerequisite: Psychology 205 or 207.

305. Language Arts in the Elementary School (3-3). Speaking, writing, and listening with special emphasis on linguistics. Prerequisite: Education 205 or 207.

311. Literature. Kindergarten through 3rd grade. (3). Prerequisite: Psychology 205 or 207.

313. Literature: 4th grade through Junior High School (3). Prerequisite: Psychology 205 or 207.

320. Science in the Elementary School (3). Prerequisite: Psychology 205 or 207.

321. Social Studies in the Elementary School (3). Prerequisite: Psychology 205 or 207.

323. Music in the Elementary School (3). Music for classroom teachers. The basic elements of theory are included. Prerequisite: Psychology 205 or 207.

337. Art in the Elementary School. (3). Teaching art in the primary grades with emphasis on correlation with other learning areas. Prerequisite: Psychology 205 or 207.

341. Measurement and Evaluation (3). Includes test terminology, types of instruments, selection procedures, and the administering, scoring, tabulation, and interpretation of test data.

345-347. Principles of Early Childhood Education or Principles of Elementary Education (3). Principles and techniques of teaching the elementary grades including philosophy and foundations of education, organizational patterns which include the self-contained classroom, team teaching, and non-gradedness. Special attention is given to education of the young child in 345 and to upper elementary students in 347.

352. Educational Psychology (3). Applications of psychology to problems of learning and teaching. Same as Psychology 352.

362. General Methods of Teaching in the High School (3). A practicum. Prerequisite: Ed. 207, 352.

372. Principles of Secondary Education (3). Legal, philosophical, and historical foundations of the modern high school emphasizing current practices, issues, and problems.

430. Directed Observation and Student Teaching in the Elementary School (6). One semester. Prerequisites: C Average and Education 211, 213-214.

431-432. Directed Observation and Student Teaching in the Elementary School (3-3). Two semesters. Prerequisites: C Average and Education 211, 213-214.

433. Directed Observation and Student Teaching in the Elementary School (6). 8 weeks—full time.

452. Directed Observation and Student Teaching in the High School (6). One semester. Prerequisite: C Average and Education 352, 362.

453-454. Directed Observation and Student Teaching in the High School (3-3). Two semesters. Prerequisites: C Average and Education 352, 362.

455. Directed Observation and Student Teaching in High School (6). 8 weeks—full time.

ENGLISH

The Milton Christian White Chair of English Literature

Professor:	GEORGE WILSON BOYD, Ph.D., Chairman
Associate Professors:	PAUL DOUGLAS HARDIN, A.M.
	ROBERT HERBERT PADGETT, A.M.
Assistant Professors:	DANIEL G. HISE, Ph.D.
	LEROY PERCY, Ph.D.
	AUSTIN WILSON, Ph.D.

Requirements for Major: An English major must take English 101-102, 103-104, or 105, 201-202, 481 in the second semester of the junior year and eighteen hours of other courses in the department. Majors must complete the 201-202 course in Greek, Latin, or a modern foreign language with a grade of "C" or better, or pass an equivalent proficiency examination. Students planning to pursue graduate study in English are advised that a reading knowledge of French, German, and sometimes Latin is generally required. A minimum of one year of Latin or Greek is strongly recommended.

101-102. Composition. (3-3). First semester, weekly themes and introductions to essays, short stories, and the novel; second semester, research paper and introductions to poetry and drama.

103-104. Composition (2-2). A specially designed course correlated with Heritage 101-102, the Cultural Heritage of the West, and intended to develop and augment the student's abilities in reading, writing, and speaking. Corequisite: Heritage 101-102.

105. Advanced Freshman Composition (3). Designed for freshmen with exceptionally strong preparation in English, as evidenced by an ACT score of 27 or above and the extempore writing of an acceptable theme for a department committee, this course concentrates steadily on expository, critical, and some creative writing. Readings in poetry and short fiction or drama furnish materials for the writing. Class membership selected by a departmental committee.

201-202. English Literature. (3-3). A survey of English literature from the beginnings to the present. Prerequisite: English 101-102, 103-104, or 105.

203-204. Literature of the Western World (3-3). A chronological study of selected major works of Continental, British, and American literature from Homer to the present. Prerequisite: English 101-102 or 105 (Not available for credit to Heritage students.)

205. Journalism. A basic course emphasizing newswriting and reporting. History and principles of journalism; introduction to make-up, copywriting and headlines. 3 hours credit. Prerequisite: English 101-102, 103-104, or 105.

301-302. American Literature. (3-3). A survey of American literature from the seventeenth century to the present. Need not be taken in sequence. Prerequisite: English 101-102, 103-104, or 105.

319. Renaissance Non-Dramatic Prose and Poetry. (3). English literature at the end of the sixteenth century, with particular emphasis on the development of the lyric and on the early books of The Faerie Queene. Prerequisite: English 201-202.

321. English Prose and Poetry of the Seventeenth Century. (3). Writers of the seventeenth century, exclusive of John Milton. Prerequisite: English 201-202.

322. English Prose and Poetry of the Eighteenth Century. (3). Prerequisite: English 201-202.

325. English Romantic Poets. (3). Library readings and a term paper are required. Prerequisite or corequisite: English 201-202.

326. Tennyson, Browning, and Arnold. (3). Library readings and papers are required. Prerequisite or corequisite: English 201-202.

331. History of the English Novel. (3). Novels from Fielding to Hardy are cast in their historical contexts, with specific consideration of types, movements, and critical techniques. Prerequisite: English 201-202.

332. Modern Fiction. (3). Intensive reading of selected novels. Prerequisite: English 201-202.

335. English Drama To 1642. (3). A survey of English drama, excluding Shakespeare, from its beginnings to the closing of the theatres in 1642. After a brief introduction to the early development of English drama, there will be extensive reading of representative Elizabethan and Jacobean dramatists.

337. Modern Drama (3). A survey of drama from Ibsen to Beckett and Ionesco. Prerequisite: English 201-202 or 203-204.

341. Modern English and American Poetry. (3). Prerequisite: English 201-202.

350. Major American Writers. (3). Prerequisite: English 201-202.

355-356. American Renaissance I & II. (3-3). Dominant American writers of the mid-nineteenth century: I) Emerson, Thoreau, Whitman; II) Poe, Hawthorne, Melville. Prerequisite: English 201-202, or 203-204.

361. Chaucer. (3). An introduction to Middle English language and literature; a reading of the Troilus and all the Canterbury Tales. Prerequisite: English 201-202.

365-366. Shakespeare. (3-3). The first semester focuses on the plays before 1603; the second semester, on the tragedies and late romances. Each semester may be taken separately. Prerequisite or corequisite: English 201-202.

367. Milton. (3). Important minor poems, selected prose, and all of Paradise Lost, Paradise Regained, and Samson Agonistes. Reading and reports from Milton scholarship and a critical paper. Prerequisite: English 201-202.

393-394. Creative Writing. (3-3). A course in the reading and writing of poetry and, in alternative years, short fiction.

397. Advanced English Grammar and Composition. (3). An intensive study of English grammar, taking account of both current American usage and formal, traditional usage, and a re-examination of expository composition as based on thesis and

logical outline. Prerequisite: English 101-102, 103-104, or 105.
Offered in alternative years; not offered in 1978-79.

405-406. Independent Study. (1 to 3—1 to 3). Reading and research in special areas under the guidance of the instructor. Prerequisite: Consent of the chairman.

451-452. Internship. (1 to 3—1 to 3). Practical experience and training in communications (newspaper, radio, television, or advertising) and in library science for well prepared students. Prerequisite: Junior or Senior standing and consent of the Chairman.

481. Junior Seminar. (3). A survey of critical theory from Aristotle to the present. Special attention will be given to the various modern critical methodologies and their application to specific literary texts.

GEOLOGY

Associate Professor: WENDELL B. JOHNSON, M.S., Chairman

Any student may enter physical geology. Other geology courses require specific prerequisites. Most courses require laboratory work, some of which is field work. Advanced courses of the 200-300 series are offered each third semester. Special problems, directed studies, and internships with consent of the department and/or organization or agency that offers such programs.

Requirements for Major: Geology 101-102, 200, 201, 211, 212, 221, 250, and six semester hours of field geology. The field geology may be G331 and G332 combined, S371 at another college, or six hours of G480. Majors must take Mathematics 115-116, Biology 121, Chemistry 121-122 (and laboratories 123-124), and Physics 131-132. Additional required courses are three or more hours each in mathematics, chemistry, and physics.

101. Physical Geology (3). The earth, the rocks which comprise its surface, erosional and depositional processes, volcanism, deformation, and economic deposits. One field trip. Two lecture hours and two hours laboratory.
Offered each fall semester and first term summer school.

102. Historical Geology (3). The successive events leading to the present configuration of the continental masses, accounting for the kinds and distribution of surface rocks and minerals. Two lecture hours and two hours laboratory. Prerequisite: Geology 101, or consent of Department.
Offered each spring semester, and second term summer school.

200. Crystallography (3). Unit cell dimensions of the crystallographic systems illustrated by mineral crystals, laboratory-grown crystals, geometric models, x-ray structure, stereographic projections, and goniometric measurements. Two lecture hours and two hours laboratory. Prerequisite or corequisite: trigonometry.
Next offered fall semester 1979–1980.

201. Mineralogy (3). Geometrical, physical and chemical properties, genesis, and atomic structures of minerals. Use is made of a spectroscope, differential thermal analysis, density balances, and x-ray equipment. A valuable elective for chemistry majors. Two lecture hours and two hours laboratory. Prerequisites: Geology 200 and Chemistry 121, 123-124.
Next offered spring semester 1979–80.

202. Economic Geology (3). The chief economic rocks and minerals of the United States and other countries, with consideration of their stratigraphy, genesis, value, and

use. Two hours lecture and two hours laboratory. Prerequisite: Geology 101-102, 200, and 201.
Next offered fall semester 1980–81.

211. Geomorphology (3). A more detailed treatment of land forms than provided in Geology 101. The physiographic provinces and sections of the United States are studied systematically, but most emphasis is placed on the Coastal Plain. Two lecture hours and two hours laboratory. Prerequisite: Geology 101-102.
Next offered fall semester 1979–1980.

212. Structural Geology (3). Two lecture hours and two hours laboratory. Structural features of the rocks comprising the earth's crusts, their origin, and their relations to economic geology. Prerequisite: Geology 101-102 or consent of instructor.
Next offered spring semester 1979–80.

221. Invertebrate Paleontology (3). Classification and morphology of fossil invertebrates with reference to evolutionary history and environment. Field trips to collect the diagnostic fossils of Mississippi. Two lecture hours and two hours of laboratory. Prerequisite: Geology 101-102.
Next offered spring semester 1979–80.

231. Earth Sciences for Teachers (3). Designed to aid science teachers. The course will consist of a study of earthen materials and will emphasize minerals, geochemistry of minerals, use of physical properties in their identification, classification of igneous, sedimentary and metamorphic rocks, topographic maps, fossils and fossilization, geologic time, plate tectonics, and geology of Mississippi. Course counts toward teacher certification. Prerequisite: involvement with the teaching of science in junior or senior high school. Offered each semester, 7-10 p.m., one evening per week.

250. Principles of Stratigraphy (3). Rock sequences treated in greater detail than in Historical Geology. Lithologic and paleontologic facies of various parts of the United States. Two lecture hours and two hours laboratory. Prerequisite: Geology 101-102.
Next offered fall semester 1980–81.

301. Geology of Mississippi (3). The stratigraphy, structure, and geomorphology of the southeastern United States with emphasis on Mississippi. Two lecture hours and two hours laboratory. Prerequisite: Geology 101-102, 211, and 212 or consent of instructor.
Offered on request.

311. Igneous and Metamorphic Petrology (3). A petrologic study of the megascopic and microscopic characteristics of igneous and metamorphic rocks and their use in rock classification. Practice in identification through the use of hand specimens and thin sections. Prerequisite: Geology 200 and 201 or consent of instructor.
Next offered fall semester 1979–1980.

312. Optical Mineralogy (3). An introduction to the petrographic microscope, especially to the reflective, refractive, and polarizing properties of light for the identification of mineral fragments and minerals in thin sections. Prerequisite: Geology 200 and 201.
Next offered fall semester 1980–81.

321. Sedimentary Petrology (3). Unconsolidated and consolidated sedimentary rocks as determined by megascopic and microscopic mineralogy, x-ray, spectrochemical and differential thermal analyses, mechanical analyses, genesis, and classification. Prerequisite: Geology 312 or consent of the instructor.
Next offered spring semester 1979–80.

G331. Physical Marine Geology (3). Physical processes at work on the shores and shallows of Mississippi Sound. Beaches and spits will be surveyed periodically to determine changes in shape, height, cross-section, lateral shift, and particle distribution and to observe growth and destruction of bars, cusps, spits, and tidepools. Prerequisite: Geology 101, 102, 201, or consent of instructor.
Offered at Gulf Coast Research Laboratory during summer school.

G332. Chemical Marine Laboratory (3). Supervised research on the chemistry of the waters of Mississippi Sound and the geochemistry of the bottoms. Studies will be made of the lateral, vertical, and tidal changes in water composition. Analyses of core samples taken from different environments. Prerequisites: Geology 101, 102, 201, quantitative analysis or consent of instructor.
Offered at Gulf Coast Research Laboratory, during summer school, following G 331.

S371. Field Geology (6 to 8). Practical training in the standard methods of geologic field work. Six to eight hours credit depending on the duration of the camp. Prerequisite: To be determined by the college or colleges operating the course, the probable equivalent of Geology 101-102, 211-212, and Geology 200, 201 and 221.
Offered each summer, generally at end of Junior year.

401-402. Special Problems (1 to 3—1 to 3). Open to advanced students who have individual problems in the field or in the laboratory. Prerequisite: Consent of instructor.
Offered each semester and summer session.

403-404. Directed Study (1 to 3—1 to 3). Open only to approved students.
Offered each semester and summer session.

G480. Gulf Coast Summer Research in Marine Science (3-12). See page 48.

GEOGRAPHY

S105. Physical Geography (3). The human habitat, designed for general education. This course is a valuable elective for elementary education, history, political science, and sociology-psychology majors.
Offered in first term summer school.

S205. Economic Geography (3). Special study is devoted to changing trends in the distribution of population, natural resources, and production facilities. This is a desirable elective for majors in economics, history, political science, and education.
Offered in second term summer school.

GERMAN

Associate Professor: JOHN L. GUEST, A.M., Chairman

Courses have been set up to give students taking their language requirements a firm basis in grammar and an introduction to the literature. For majors, courses give the student a broad and basic conception of the great literature and history of Germany. Students attend scheduled exercises in the language laboratory.

Credit is not given for one semester of the elementary course unless the other semester is completed. Students who have credit for two or more units of a modern foreign language in high school may not receive credit for the 101-102 course in the same language. Those who have such credit take a standard placement test at orientation and are advised as to whether they are prepared to continue the language at the college level

or whether they should take the 101-102 course on a non-credit basis. Students are encouraged to take advanced placement tests.

Requirements for Major: A student must take German 341-342 and any other 24 hours.

101-102. Beginning German (3-3).

201-202. Intermediate German (3-3). Review of grammar and introduction to important writers of German literature. Prerequisite: German 101-102 or the equivalent.

251-252. Conversation and Composition (3-3). Prerequisite: Permission of the instructor. Art and music Knowledge of German not necessary.

261-262. German Civilization (3-3). Cultural survey with special emphasis on history, art and music. Knowledge of German not necessary.

341-342. Survey-History of German Literature (3-3). Literature up to Goethe. Laboratory sessions devoted to art, music, and history. Prerequisite: Permission of the instructor.

351-352. Goethe, Schiller (3-3).
Not offered in 1978–79.

361-362. Nineteenth Century German Literature (3-3). Readings from the major figures of Romanticism and Realism.
Not offered in 1978–79.

371-372. Modern German Literature (3-3). Readings from Hauptmann to Ball.
Offered in 1978–79.

401-402. Directed Study (1 to 3—1 to 3). Prerequisite: Consent of the department chairman.

411-412. Special Topics Course (1 to 3—1 to 3).

491. Seminar (1).

HISTORY

Professor Emeritus:	ROSS HENDERSON MOORE, Ph.D.
Professors:	FRANK MILLER LANEY, JR., Ph.D., Chairman
	WILLIAM CHARLES SALLIS, Ph.D.
Assistant Professor:	ROBERT S. McELVAINE, Ph.D.

Requirements for Major: A student must have a 2.50 average in history and maintain this grade for the full course. History 101-102 or Heritage 101-102, History 201-202, and History 401 must be included in the 24 semester hours of history required for a major. A preliminary test must be passed at least one academic year before the comprehensive examination. Students who expect to take graduate work should take French and German.

101. Western Civilization to 1715 (3).

102. Western Civilization since 1715 (3).

201. History of the United States to 1877 (3).

202. History of the United States from 1877 (3).

241-242. The Afro-American Experience (3-3). A study of the historic and contemporary experience of black people in America. The first semester covers the period up to 1915. The second semester covers the period from 1915 to the present. (Same as Sociology 241-242.)

305. The Old South (3). Development of the southern region of the United States from the time of discovery to the beginning of the Civil War. Prerequisite: Junior standing or consent of instructor.

306. The New South (3). Prerequisite: Junior standing or consent of instructor.

307. The Civil War and Reconstruction (3). An examination of the political, economic, military, diplomatic and social aspects of the Civil War and Reconstruction periods. Prerequisite: Junior standing or consent or instructor.

308. Mississippi and Its Relation to the South (3). Students may enroll for 306 or 308, but not both. Prerequisite: Junior standing or consent of instructor.

309. The American Revolution and the Establishment of the Federal Union, 1754–1789 (3). Prerequisite: History 201 or consent of instructor.

310. The Age of Jefferson and Jackson, 1789–1848 (3). A continuation of History 309. Prerequisite: History 201 or consent of instructor.

311. America in the Twentieth Century (3). A topical study of the history of the United States 1917-1945. Prerequisite: History 202 or consent of instructor.

312. America in the Twentieth Century (3). A continuation of History 311 from 1945 to the present. Prerequisite: History 202 or consent of instructor.

313-314. Social and Intellectual History of the United States (3-3). First semester: From Colonial times to the Civil War. Second semester: From the Civil War to the present. Prerequisite: History 201-202 or consent of instructor.

315. The Emergence of Modern America (3). A topical study of the history of the United States 1877-1916. Prerequisite: History 202 or consent of instructor.

S321. Problems in Modern History (3). The nature and impact of such present-day problems in international relations as Nationalism, Imperialism, Militarism, and Propaganda. Prerequisite: History 101-102 or Heritage 101-102.

S322. Problems in Modern History (3). A broad view of the history of Europe since 1914. Prerequisite: History 101-102 or Heritage 101-102.

323-324. Nineteenth Century Europe (3-3). First semester, 1815-1870; second semester, 1870-1914. Prerequisite: History 101-102 or equivalent.

325-326. Twentieth Century Europe (3-3). First semester, 1914-1939; second semester, World War II and the post-war era. Prerequisite: History 101-102 or equivalent.

327-328. History of England (3-3). A general survey from Roman times to the present. The first semester will cover the period to the Stuart Era, 1603. The second semester will continue the study to the contemporary period, with some attention to the development of the British Empire. Prerequisite: History 101-102 or equivalent.

329-330. History of Russia (3-3). The first semester will cover the period to 1855. The second semester will continue to the contemporary period, with special attention to the late 19th century and early 20th century revolutionary movements and to the Soviet regime. Prerequisite: History 101-102 or equivalent.

334. Current Problems (3). Problems of national and international importance. Open to students who have 6 sem. hrs. credit in history.

401. Special Problems in History (3). A study of how history is written and interpreted and of problems in American civilization. May be taken by students who have 6 sem. hrs. in history and is required of all history majors.

402. Directed Readings (1 to 3). Prerequisite: Consent of the department chairman.

411-412. Special Topics in History (1 to 3—1 to 3). Deals with areas not covered in other courses. Offered as required. Prerequisite: Consent of department chairman.

MATHEMATICS

The Benjamin Ernest Mitchell Chair of Mathematics

Professor:	SAMUEL ROSCOE KNOX, Ph.D., Chairman
Associate Professor Emeritus:	ARNOLD A. RITCHIE, M.S.
Associate Professor:	ROBERT A. SHIVE, JR., Ph.D.
Assistant Professors:	HERMAN L. McKENZIE, M.S.
	JOHN R. RAMSEY, JR., Ph.D

Requirements for Major: In addition to at least six hours of calculus and the Senior Seminar, a major is required to take a minimum of six three-hour courses in the 300-series. Work in the major field not taken in residence must be approved by the department.

103-104. Foundations of Mathematics (3-3). Designed primarily for freshman non-science majors.

105. Mathematics for Teachers I (3). The structure of the real number system and of its subsystems.

106. Mathematics for Teachers II (3). Informal geometry and the basic concepts of algebra.

115-116. Pre-calculus Mathematics (4-4). A two-semester course for freshman science majors.

172. Elementary Statistics (3). A pre-calculus course concerned with the description of sample data, elementary probability, testing hypotheses, correlation, regression, the chi-square distribution, analysis of variance. Prerequisite: Mathematics 103 or 115.

211. Analytic Geometry (4). Plane and solid analytic geometry. Coordinate systems in the plane and in space. Curves in two and three dimensions. Transformations of coordinates. Prerequisite: Consent of instructor.

S213. Plane Analytic Geometry (3). Coordinate systems. The straight line, circle, ellipse, parabola, hyperbola. Transformations. The general equation of the second degree. Loci and higher plane curves. Prerequisite: Consent of the instructor.

S215-S216. Calculus Is-IIs (4-4). An abbreviated version of Mathematics 225-226 designed for summer school. Prerequisite: Mathematics 116.

S217-S218. Calculus Is-IIs (3-3). Same as Mathematics S215-S216 but less credit. Prerequisite: Mathematics 116.

223-224. Calculus I-II (3-3). Basically the same as Mathematics 225-226 but with less emphasis on theory. Prerequisite: Mathematics 116.

225-226. Calculus I-II (5-5). The theory and application of limits and continuity, differentiation and integration of the elementary functions of one variable, series, introductory multivariate calculus. Prerequisite: Mathematics 116.

325-326. Calculus III-IV (3-3). Topological concepts and a rigorous treatment of continuity, integration, differentiation, and convergence in n-dimensional Euclidean space. Prerequisite: Calculus II.

335. Probability (3). The concept of sample space. Discrete and continuous probability distributions. Independence and conditional probability. Characteristics of distributions. Prerequisite: Calculus II.

345. Abstract Algebra (3). Congruences, groups, rings, ideals, isomorphisms, and homomorphisms, fields, equivalence. Prerequisite: Calculus II.

346. Linear Algebra (3). Vector spaces and linear transformations. Algebra of matrices. Systems of linear equations. Eigenvalues and eigenvectors. Prerequisite: Calculus II.

351. Differential Equations (3). Differential equations of the first and higher orders, with applications to geometry, physics, and mechanics. Prerequisite: Calculus II.

352. Electronic Analog Computer (1). Linear components, time-scale and amplitude-scale factors, non-linear components, and function-generating techniques. One lecture period and one laboratory period per week. Prerequisite: Mathematics 351.

361. College Geometry (3). A study of advanced topics in Euclidean geometry, and an introduction to non-Euclidean geometrics. Prerequisite: Calculus I.

371. Introductory Topology (3). Topological spaces, metric spaces, Hausdorff spaces, compactness, continuous mappings. Prerequisite: Calculus II.

391-392. Selected Topics in Mathematics (3-3). Chosen from areas such as applied mathematics, number theory, complex variables, foundations of mathematics, numerical analysis, and history of mathematics. Prerequisite: Consent of department chairman.

401-402. Directed Study (1 to 3—1 to 3). Reading and research in advanced mathematics. Prerequisite: Consent of department chairman.

491-492. Seminar (1-1). Discussions of topics of interest.

MUSIC

Professor Emerita:	MAGNOLIA COULLET, B.M., A.M.
Professors:	JONATHAN M. SWEAT, A.Mus.D., Chairman
	C. LELAND BYLER, M.M.
Associate Professor:	DONALD D. KILMER, M.M.
Assistant Professors:	McCARRELL L. AYERS, M.M.
	FRANCIS E. POLANSKI, M.M.

Requirement for Major: Students majoring in music may apply for either the bachelor of music or the bachelor of arts degree.

Bachelor of Music: The degree of bachelor of music with a major in piano, voice, or organ may be earned. The minimum credit required is 132 semester hours. Bachelor of music candidates are required to give a full recital in each of their final two years of study. A comprehensive examination is required during the senior year.

Bachelor of Arts: The degree of bachelor of arts with a major in piano, organ, voice, or music education may be earned. A comprehensive examination is required during the

senior year. Students desiring teacher certification should consider state requirements. A senior recital is required and must be given while the student is registered for senior level applied music.

GENERAL REQUIREMENTS

All students studying Applied Music must attend weekly repertoire classes, all recitals presented by the Music Department, and take an examination before the faculty at the end of each semester.

PIANO REQUIREMENTS

To enter the four-year degree program in piano, the student must have an adequate musical and technical background. (S)he should be able to play all major and minor scales. (S)he should have had some learning experience in all periods of the standard student repertory, such as the Bach two-part inventions, the Mozart and Haydn sonatas, the Mendelssohn Songs Without Words, and the Bartok Mikrokomos.

For students whose principal performing instrument is not piano or organ, a piano proficiency examination is required. The student must perform acceptably, from memory, the following material (or its equivalent in styles and difficulty): the major and minor scales and arpeggios, a Bach two-part invention, a movement from a classical sonatina, a romantic and a contemporary work of moderate difficulty. The student's ability at sight-reading will be tested. Until the student passes the piano proficiency examination, (s)he must study piano each semester.

Candidates for the B.M. or B.A. must fulfill repertory and technical requirements specified by the department.

ORGAN REQUIREMENTS

To enter the four-year degree program in organ, the student must have completed sufficient piano study to play the Bach two-part and three-part inventions, Mozart and Beethoven sonatas, and compositions by Chopin, Schumann, Mendelssohn, and Bartok. The student should also be able to play all major and minor scales and arpeggios.

Candidates for the B.M. or B.A. degree must have one year of voice study, directed study in organ literature and the techniques of playing for religious services, and console conducting.

VOICE REQUIREMENTS

To enter the four-year degree program in voice, the student must possess above average talent and evidence ability to sing with correct pitch, phrasing, and musical intelligence. (S)he should know the rudiments of music and be able to sing a simple song at sight. (S)he should have experience in singing works from the standard repertory.

Voice candidates for the bachelor of music degree will be required to have a basic piano proficiency and 18 hours of foreign languages to be chosen from at least two of the following: French, German, or Italian.

MUSIC EDUCATION

Students electing the music education major will receive a bachelor of arts degree, not the bachelor of music.

Music Theory

101-102. Basic Theory (4-4). Harmonic part-writing, sight-singing and dictation, and keyboard harmony. Three lecture hours and two laboratory hours per week.

201-202. Intermediate Theory (4-4). Harmonization of chorales, modulation, altered chords, advanced sight-singing, harmonic dictation, and keyboard harmony. Three lecture hours and two laboratory hours per week. Prerequisite: 101-102.

303-304. Advanced Theory (4-4). First semester includes: harmonic and structural analysis of basic musical forms and study of advanced musical forms. The second

semester is the study of polyphony of the eighteenth century, the writing of canon and fugue, and free counterpoint in contemporary styles. Four lecture hours per week. Prerequisite: Intermediate Theory, 201-202.

Music Literature

215. Music Appreciation (3). (For non-majors). The literature of music as an important aspect of Western culture.

251-252. Music Literature (2-2). An introduction to music history and music literature with special emphasis on aural comprehension of form, style, period, and composer. Open to non-music majors with consent of instructor.

381-382. Music History (3-3). Music from antiquity to 1750, first semester, and from 1750 to the present, second semester. Prerequisite: Music Literature 251-252.

401. Directed Study (1-3). Designed to correlate work studied and to prepare the student for graduate study. Research and projects pertaining to the student's major interest.

Church Music

315. Music in Religion (3). Sacred music from antiquity to the present. Organization and administration of the church music program is included. Open to non-music majors on consent of the instructor.

361. Service Playing and Repertory (2). Open to advanced organ students.

362. Console Conducting (2). Includes detailed study of anthems, accompanying, and directing the choir from the console. Open to advanced organ students.

Music Education

323. Music in the Elementary School (3). Teaching of music for classroom teachers. Same as Education 323.

333. Music. Grades 1-6 (3). Administration and teaching of music; a comparative survey of current teaching materials. Prerequisite: Music 101-102.

335. Music in the Secondary School (3). Administration and teaching of music at the secondary school level. A comparative survey and study of materials and texts. May be taken in lieu of Education 362. Prerequisite: Music 101-102.

341. Choral Conducting (3). Conducting, scorereading, rehearsal techniques, diction for singers.

342. Instrumental Ensemble (2). Fundamentals of string, woodwind, and brass instruments, including training methods and materials.

425-435. Piano Pedagogy (2-3). A basic course emphasizing techniques and materials used in teaching piano to children and older students in both private and class instruction.

440. Directed Observation and Student Teaching in the Elementary School. Same as Education 430 or 440. Prerequisite: Music 333.

452. Directed Observation and Student Teaching in the High School. Same as Education 452. Prerequisite: Music 335.

Applied Music

Courses are designated by the first letter of the instrument, followed by the proper number from the following table:

Freshman 111-112; 121-122; Sophomore 211-212, 221-222; Junior 311-312,

321-322; Senior 411-412, 421-422. One or two lessons per week. One or two hours credit each semester.

181-182; 281-282. (1). Class instruction in voice or piano to a minimum of four students who meet for two hours per week.

331-332 (3-3). One hour lesson per week plus special instruction culminating in a junior recital.

441-442 (4-4). One hour lesson per week plus special instruction culminating in a senior recital.

The 300 level may be achieved only by satisfactory completion of the upper divisional examination.

Additional semesters on each level will be designated by successive numbering, i.e., 113, 114, etc.

PHILOSOPHY

The J. Reese Linn Chair of Philosophy

Professors: ROBERT E. BERGMARK, Ph.D., Chairman
MICHAEL H. MITIAS, Ph.D.

Requirements for Major: A minimum of 24 semester hours, including 202, 301, 302, 311, and 492.

201. Problems of Philosophy. (3). A basic introduction to the main problems, such as knowledge, man, nature, art, the good, God.

202. Logic. (3). Language, fallacies, deduction (syllogistic and symbolic), and induction (scientific methods).

301-302. History of Philosophy. (3-3). The first semester is a survey of western philosophy through the Medieval period; the second semester from the Renaissance through the nineteenth century.

303. Twentieth Century Philosophy. (3). A survey of western philosophy from 1900 to the present. Prerequisite: Philosophy 201, or consent of the instructor.

311. Ethics. (3). Principles used in the choosing of personal and social values.

315. Existentialism. (3). Historical and comparative treatment of works of such thinkers as Kierkegaard, Jaspers, Heidegger, Sartre, Marcel.

321. Aesthetics. (3). Consideration of the creative impulse, of the art object, and standards of aesthetic appreciation.

331. Philosophy of Religion. (3).

351. Oriental Philosophy. (3).

361. Philosophy of Science. (3). Prerequisite: Philosophy 201, or consent of the instructor.

381. Metaphysics. (3). Basic categories of experience and reality. Prerequisite: Philosophy 201, or consent of the instructor.

401-402. Directed Readings. (1 to 3—1 to 3). Prerequisite: Philosophy 201, or consent of the instructor.

411-412. Special Topic Courses. (3-3) Prerequisite: Philosophy 201, or consent of the instructor.

492. Senior Seminar. (3). Intensive reading in a broad spectrum of issues, schools, and thinkers. For senior majors.

PHYSICAL EDUCATION AND ATHLETICS

Professor:	JAMES A. MONTGOMERY, Ed.D., Chairman
Associate Professors:	J. HARPER DAVIS, M.Ed.
	MARY ANN EDGE, M.S.
Assistant Professor:	THOMAS L. RANAGER, M.Ed.

Two hours of physical education are required for graduation.

ACTIVITY COURSES

Most courses are coeducational. Students furnish their own gym clothing. The department will furnish baskets.

X105-X106. Archery (1-1)
X107-X108. Weight Training for Men (1-1)
X109-X110. Body Tone for Women (1-1)
X111-X112. Karate (1-1)
X113-X114. Water Safety (1-1)
X131-X132. Beginning Horsemanship (1-1)
X231-X232. Intermediate Horsemanship (1-1)
X331-X332. Advanced Horsemanship (1-1)
X115-X116. Fencing (1-1)
X117-X118. Jogging (1-1)
X119-X120. Dance (1-1)
X123-X124. Basic Gymnastics
X201-X202. Golf (1-1)
X211-X212. Bowling (1-1)
X221-X222. Tennis (1-1)

HORSEMANSHIP

Each horsemanship course carries a fee of $150 a student per semester.

Beginning Horsemanship—Principles of equitation, horsemanship and stable management for the beginning rider.

Intermediate Horsemanship—Principles of equitation, dressage, horsemanship, and stable management for the intermediate rider. Jumping and cross-country riding.

Advanced Horsemanship—Principles of equitation, dressage, horsemanship, and stable management for the advanced rider. Level of riding will be determined by the riding instructor. Introduction to show-ring jumping and/or fox hunting.

ACADEMIC COURSES

305. Physical Education For the Elementary Grades (3). The characteristics of the elementary school child, activities suited to the physical and mental levels represented, facilities, and equipment.

308. Institutional and Community Recreation (3). Techniques and theories of directing church and other institutional and community recreation programs, with special emphasis on designing programs for all age groups.

311-312. Theory of High School Coaching (3-3).

321-322. Athletic Officiating (3-3).

332. Hygiene (3). Personal health and care of the body; food, sanitation, diseases and contagion, vitamins, and hormones.

PHYSICS AND ASTRONOMY

Professor Emeritus: CHARLES BETTS GALLOWAY, A.M.
Assistant Professor: GEORGE MARSTON BEARDSLEY, Ph.D., Chairman

Requirements for Major: Physics 131-132, 151-152, 231, 311, 316, 331, 371-372. Calculus I and II, Mathematics 351. Chemistry 363-364 and 365-366. Computer 100 or 110.

PHYSICS

111-112. General Physics (3-3). Fundamentals of mechanics, heat, electricity and magnetism, optics, acoustics, and atomic and nuclear physics. Three lecture periods per week. A non-calculus course intended primarily for majors in the biological and health sciences. Prerequisite: Mathematics 115-116, corequisite Physics 151-152.

131-132. Classical Physics (3-3). Mechanics, heat, electricity and magnetism, optics and acoustics, covered more rigorously than in 111-112 and making use of elementary calculus. Intended primarily for majors in the physical sciences, mathematics, and the Engineering Cooperative Program. Three lecture periods per week. Prerequisite: Mathematics 115-116, corequisites: Physics 151-152 and Mathematics 223-224 or 225-226.

151-152. Physics Laboratory (1-1). Experiments to accompany either of the two introductory physics courses listed above. One laboratory period per week. Corequisite: Physics 111-112 or 131-132.

201. Radioisotope Laboratory (2). Experiments with low-level sources of nuclear radiation; covering basic counting techniques, interactions of radiation with matter, nuclear spectra, and half-life. Other topics (for example: applications of nuclear techniques to problems in biology and medicine or in chemistry) depending on the interests of the class. One lecture period and one laboratory period per week. Prerequisite: Physics 111-112 or 131-132.

231. Modern Physics (3). An introduction to quantum physics, with applications to atomic and nuclear structure. Physics 131, 132, and 231 form a comprehensive three semester introduction to both classical and modern physics. Prerequisites: Physics 132, Mathematics 224 or 226. Prerequisite or corequisite: Computer 100 or 110.

301. Atomic Physics (3). The structure and properties of atoms, molecules and solids. Prerequisite: Physics 231, Chemistry 121-122. Corequisite: Mathematics 351.

306. Nuclear Physics (3). The structure and properties of atomic nuclei, with an introduction to the physics of elementary particles. Prerequisite: Physics 301.

311. Electricity and Magnetism (3). Charges, currents and the electromagnetic field. Prerequisites: Physics 231, Mathematics 224 or 226.

315. Optics (3). Principles and laws of reflection, refraction, interference, polarization, and spectroscopy. Two lecture periods and one laboratory period per week. Prerequisites: Physics 131-132, Mathematics 223 or 225.

316. Electronics for Scientists (4). Fundamentals of electronic circuits and the use of basic laboratory instruments. Two three-hour lecture-laboratory periods per week. Prerequisite: Physics 131-132.

318. Digital Electronics (3). Introduction to electronic processing of digitally coded information. Includes binary arithmetic, Boolean algebra, logic gates, storage elements and sequential logic, memory and processor circuits, microcomputer organization. One three-hour lecture/laboratory plus two hours of independent laboratory work per week. Prerequisite: Computer 318 and an introductory computer programming course or, consent of the instructor. (same as Computer 318.)

331. Classical Mechanics (3). The principles of Newtonian mechanics, with applications to one or more of the following areas: fluid dynamics, structural engineering, solid state physics or geophysics. Prerequisites: Physics 131-132, Mathematics 223 or 225.

336. Thermal Physics (3). Thermodynamics, kinetic theory of gases and elementary statistical physics. Prerequisites: Physics 131-132, Mathematics 224 or 226.

351-352. Photography (1-1). Introduction to photographic techniques. Developing, printing, enlarging and toning of prints, flash use, exposure and filter intensification. One laboratory period per week. Prerequisite: Consent of the instructor.

371-372. Advanced Physics Laboratory (1-1). Prerequisite: Consent of the instructor.

401-402. Special Problems (1 to 3—1 to 3). The student is allowed to research topics in which he is interested. Open only to juniors and seniors. Prerequisite: Consent of the instructor.

G480. Gulf Coast Semester Research (3-12).

491-492. Seminar (1-1). Student presentations of current problems in physics research. Prerequisite: Consent of the instructor.

ASTRONOMY

101-102. General Astronomy (3-3). A study of the earth, moon, time, the constellations, the solar system, the planets, comets, meteors, the sun, the development of the solar system, and the siderial universe. Two lectures and one observatory period.

301-302. Practical Astronomy (3-3). Spherical astronomy and the theory of astronomical instruments with exercises in making and reducing observations. One lecture and one double laboratory period per week. Prerequisite: Astronomy 101-102 and consent of the instructor.

POLITICAL SCIENCE

Associate Professors: JOHN QUINCY ADAMS, J.D., Chairman
HOWARD GREGORY BAVENDER, M.A.

Requirements for Major: Political Science 101, 102, 351, 352, 301, 302, and 491, and at least nine additional hours in the department. Majors must have a 2.50 average in political science course work.

Special Programs. In conjunction with Drew University, political science majors may enroll in the United Nations Semester and the London Semester. In conjunction with American University, students may enroll in the Washington Semester. Each program involves study for one semester off campus. Additional information is given on page 46.

101. American Government I (3). A systems analysis of our national political environment, inputs, and decision-making agencies, involving study of federalism, political parties, Congress, the Presidency, and the judiciary.

102. American Government II (3). Output analysis of our national fiscal, regulatory, grant-in-aid, social, defense, and foreign policies.

112. State and Local Government (3). Urban democratic theory, community power analysis, and institutions and policies. Offered in alternate years.

211. President and Congress. (3). Powers, functions, organization, and decision-making processes of each branch, plus roll-call analysis of Congress.
Offered in alternate years.

261. International Relations (3). Issues, strategies, and theories of international politics including the concepts of national interest and national defense, imperialism, balance of power, economics, and international cooperation.
Offered in alternate years.

262. U.S. Foreign Policy (3). Including diplomatic, military, and economic aspects developed within the context of current issues.
Offered in alternate years.

265. U.S. Diplomatic History (3).
Offered in alternate years.

301. Political Theory I (3). Classical theory from the Greeks through Hobbes, Locke, Rousseau and the theorists of the American Revolution.

302. Political Theory II (3). Nineteenth Century liberalism, Marxism, totalitarianism, and Twentieth Century political thought.

311. American Political Parties (3). Functions, organization, nominations, campaigns, and voting rights and behavior, with attention to Mississippi politics.
Offered in alternate years.

338. Public Administration (3). Theory and application of planning, organizing, staffing, directing, coordinating, reporting and budgeting in public agencies.
Offered in alternate years.

341. Comparative Government (3). General comparative theory as applied to the political cultures and institutions of Great Britain, France, and other nations. Prerequisite: Political Science 101.

342. Comparative Government (3). General comparative theory as applied to the political cultures and institutions of the Federal Republic of Germany, the Soviet Union and selected Communist nations. Prerequisite: Political Science 101.

351. Courts and the Constitution I (3). Constitutional policies, the judicial process, court operation, and constitutional relationships among the three branches of government. Prerequisite: Political Science 101.

352. Courts and the Constitution II (3). Equal protection, criminal due process, and first amendment freedoms. Prerequisite: Political Science 351.

364. International Law and Organization (3). World order in a legal setting.
Offered in alternate years.

401-402. Directed Reading (1 to 3—1 to 3).

403-404. Undergraduate Research (1 to 3—1 to 3).

405-406. Independent Study (1 to 3—1 to 3).

411-412. Special Topics Course (1 to 3—1 to 3).

452. The Mississippi Legislative Intern Program (3). A student serves as an aide to one or more members of the Mississippi Legislature for one semester during a regular session of the Legislature. Prerequisite: (a) a major in political science; (b) junior or senior standing; (c) permission of the chairman. Application should be made early in December immediately preceding a new legislative session.

453-454. Constitutional Liberties Internship (3). Placement with a law firm or government agency to work as an aide. Prerequisite: Political Science 351 and 352.

456. Public Administration Internship (3-4). Placement with a federal, state, or local government office to work at the middle management level. Prerequisite: Political Science 338.

491. The Senior Seminar: Modern Theory (3). Reading, reports, and discussion on the state of the discipline of political science. Includes contributions by other disciplines to politics.

PSYCHOLOGY

Professors: RUSSELL WILFORD LEVANWAY, Ph.D., Chairman
EDMOND R. VENATOR, Ph.D.

Requirements for Major: A minimum of 27 semester hours in the department. Required courses are 202, 271, 309, 310, 315, 491, 303 or 304, 313 or 331. Under unusual circumstances a student may substitute an elective course for a required course if (s)he passes an examination on the subject matter covered by the required course. This special examination will be administered by the departmental chairman and must be passed before the student is eligible to take the comprehensive examination. The student successfully taking this special examination will receive no additional course credit toward the degree.

Psychology-Sociology

A combined major in Psychology and Sociology may be earned by completing 30 semester hours in the two departments combined. The following courses are required: Psychology 202, 206, 303, 304; Sociology 101, 102, 221, 492. The student may elect to take either Sociology 281 and 282 or Psychology 309 and 271. An internship—Psychology 451 or 452, or Sociology 451 or 452—must also be completed. A major in this program must take at least one course from each full-time faculty member in psychology and sociology.

202. Introduction to Psychology (3). Methods of studying behavior in the areas of learning, intelligence, maturation, personality, emotions, and perception. Not generally recommended for freshmen.

205. Child Psychology. Same as Education 205.

206. Social Psychology (2). Principles of communication, group interaction, and human relations.

207. Adolescent Psychology. Same as Education 207.

212. History and Systems (3). Emphasis on the outstanding systems of psychological thought as exemplified by both past and contemporary men in the field.

214. Developmental Psychology (3). Topics emphasized are: Piaget's developmental theory, child-rearing practices, early childhood development, and the nature-nurture issue. Prerequisite: Psychology 202.

271. Statistics for the Behavioral Sciences (3). Emphasis on inferential techniques. Consent of instructor.

303. Abnormal Psychology (3). Considers man's deviations from the normal, environmental correlates of such deviations, and corrective procedures. Prerequisite: Psychology 202.

304. Theories of Personality (3). Consideration of the whole spectrum of personality theories, including Freudian, humanistic, existential, and behavioristic models. Prerequisite: Psychology 202.

307. Physiological Psychology (4). The physiological processes underlying psychological activity, including physiological factors in learning, emotion, motivation, and perception. Prerequisite: Psychology 202; Biology 121-122 or consent of the instructor.

309. Experimental Psychology: Methodology, Psychophysics, and Scaling (3). Introduction to philosophy of science; experimental methods and design; analysis and interpretation of data; and scientific writing. Content areas include psychophysics, scaling, sensory systems, and perception. Prerequisite: Psychology 202 and 271.

310. Experimental Psychology: Learning (3). Research with both human and animal subjects is considered. Prerequisite: Psychology 309.

312. Operant Conditioning Laboratory (1). Experience with the techniques of operant conditioning. Student will work one on one with a rat and explore several schedules of reinforcement. Prerequisite: Psychology 202.

313. Psychology of Motivation (3). Emphasizes the initiation of a sequence of behavior, including its energization, selection, and direction. Examines both theory and research findings involving biological and social controls of behavior. Prerequisite: Psychology 202.

314. Learning (3). Principles and theories of learning. Experimental findings related to the theories of Thorndike, Guthrie, Hall, Tolman, and Skinner are examined. Prerequisite: Psychology 202.

315. Psychological Tests and Measurements (3). Prerequisite: Psychology 202 and either Mathematics 172 or Psychology 271.

316. Basic Circuitry and Instrumentation in Behavioral Research (1). Research applications of equipment in common use in psychology laboratories. The student will devise and construct simple circuitry.

320. Cognitive Processes (3). An examination of the processes of thinking, reasoning, problem solving, concept formation, memory, hypnosis, and parapsychology. Prerequisite: Psychology 202.

331. Perception (3). Perceptual phenomena and the theories which have been constructed to explain them. Prerequisite: Psychology 202.

352. Educational Psychology. Same as Education 352.

390. Comparative Psychology (3). Behavior of lower animals. Relation of behavior to organismic structures and environmental stimuli. Prerequisite: Psychology 202.

401-402. Directed Reading (1 to 3—1 to 3). Prerequisite: Consent of the instructor.

403-404. Undergraduate Research (1 to 3—1 to 3). Prerequisite: Consent of the instructor.

411-412. Special Topics. (1 to 3—1 to 3). Open only to approved students.

451-452. Internship (1 to 3—1 to 3). Prerequisite: Consent of instructor.

453-454. Teaching Practicum (3). As a member of a teaching team, the student will attend all classes of the introductory Psychology course and will lead a tutorial group composed of a portion of the students enrolled in the same introductory course. Prerequisite: Selection by instructor.

491. Seminar (3). Reading of selected books and articles as a basis for critical classroom discussion.

RELIGION

The Tatum Chair of Religion

Professors: LEE H. REIFF, Ph.D., Chairman
THOMAS WILEY LEWIS, III, Ph.D.
HARRY W. GILMER, Ph.D.

Requirements for Major: Majors must take an additional 25 hours beyond the hours required of all students for graduation including 201, 202, 391, 392, 492. Philosophy 331 may be counted as three hours on the religion major if the student satisfies the philosophy requirements with an additional six hours in philosophy.

201. The Story of the Old Testament (3).

202. The Story of the New Testament (3).

210. Ways of Being Religious (3). The study of religious phenomena through the analysis and critique of expressions and practices found in the religions of the world.

252. The Educational Work of the Church (3).

301. The Teachings of Jesus (3).
Offered in alternate years.

302. The Prophets (3).
Offered in alternate years.

311. The Life of Paul (3).
Offered in alternate years.

351. Church and Society (3). The church in the present social order.
Offered in alternate years.

381. World Religions (3).

391-392. History of Christianity (3-3). The development of Christianity and Christian thought from Jesus to the High Middle Ages, and from the High Middle Ages through the Reformation to the present. Either semester may be taken alone.

401-402. Directed Reading (1 to 3—1 to 3). Individualized reading and research. Prerequisite: Consent of the department chairman.

405-406. Independent Study (1 to 3—1 to 3). Individual investigation culminating in a written report. Prerequisite: Consent of the department chairman.

411-412. Special Topics (1 to 3—1 to 3). Special areas of study not regularly offered, for an organized class of interested students. Prerequisite: Consent of the department and division chairman.

492. Seminar (1).

ROMANCE LANGUAGES

Associate Professor Emerita: NELLIE KHAYAT HEDERI, A.M.
Associate Professors: BILLY MARSHALL BUFKIN, A.M., Chairman
HILLIARD SAUNDERS, Jr., Ph.D.
Assistant Professor : ROBERT JOEL KAHN, Ph.D.

A student does not enter courses 201 and 202 in French and Spanish until the 101-102 course or the equivalent has been satisfactorily completed. Students with two or more units of a modern foreign language in high school will be given a standard placement test and advised as to whether they are prepared to continue the language at the college level or whether they should take the 101-102 course. A student will not be admitted to courses 321 and 322 in French or Spanish until 201 and 202 (or equivalent if transfer student) have been satisfied. Under no condition will a student be permitted to begin French and Spanish the same year.

A student should consult the professors in charge before planning to take more than two modern languages. Any course not already counted may be used as a junior or senior elective. Credit is not given for 101 unless 102 is completed.

A minimum of one hour per week in the language laboratory is required in all beginning courses.

Requirements for Majors in French or Spanish: A minimum of 24 semester hours is required beyond the 101-102 series, although 30 hours is recommended. If a candidate takes only the minimum of required courses, 18 hours must be in the literature of the target language.

FRENCH

101-102. Elementary French (3-3). Grammar and reading with constant oral practice.

201-202. Intermediate French (3-3). Review of grammar and reading of modern French prose. Prerequisite: French 101-102 or two years of high school French.

251-252. Conversation and Civilization (3-3). Designed to give students some fluency in the use of the spoken language. Composition drill is also given. Emphasis on civilization in the second semester. Prerequisite: French 101-102 or equivalent.

301-302. Advanced French Composition and Conversation (3-3). This course may be taken in addition to and may also substitute for French 251-252. Prerequisite: French 201-202 or equivalent.

321-322. Survey of Medieval and Renaissance French Literature (3-3). Instruction and recitation principally in French. Prerequisite: French 201-202 or equivalent.
Offered in alternate years.

331-332. Seventeenth Century French Literature (3-3). Special attention is given to the works of Corneille, Moliere, Racine, and La Fontaine. Prerequisite: French 321-322 or equivalent.
Offered in alternate years.

341-342. French Literature in the Eighteenth Century (3-3). Extensive readings in Rousseau and Voltaire. Second semester concentrates on the dramatic literature. Prerequisite: French 321-322 or equivalent.
Offered in alternate years.

351-352. Nineteenth Century French Literature (3-3). First semester deals with pre-Romantics, early Romantic prose writers, and the Romantic poets and novelists. A survey of French Romantic drama is also given. Second semester deals with Parnassianism, Symbolism, Realism, and Naturalism. Prerequisite: French 321-322 or equivalent.
Offered in alternate years.

361-362. French Literature of the Twentieth Century (3-3). First semester deals with Maeterlinck, Proust, Bergson, Gide, Peguy, and Claudel. Second semester deals with Breton and the Surrealists, Malraux, Giraudoux, Anouih, Sartre, and Camus. Prerequisite: French 321-322 or equivalent.
Offered in alternate years.

401-402. Directed Study (1 to 3—1 to 3). For advanced students who wish to do reading and research in special areas under the guidance of the instructor. Prerequisite: Consent of the department chairman.

ITALIAN

Italian 251-252. Composition and Conversation (3-3). This course is designed to afford the student with two years of another modern foreign language, a knowledge of the structure of the Italian language in the first semester. The second semester, a cultural reader is used incorporating oral proficiency training. It is recommended for music students. Offered on sufficient demand and when teaching schedules and staff permit. Prerequisite: Two years of another modern foreign language and consent of the instructor.

SPANISH

101-102. Elementary Spanish (3-3). Grammar and reading with constant oral practice.

201-202. Intermediate Spanish (3-3). Review of grammar and reading of modern Spanish prose. Prerequisite: Spanish 101-102 or two units of high school Spanish.

251-252. Conversation and Civilization (3-3). Designed to give students some fluency in the use of spoken Spanish and a familiarity with the civilization. Laboratory drill. Prerequisite: Spanish 101-102 and preferably 201-202.

321-322. Survey of Medieval and Renaissance Spanish Literature (3-3). The first semester considers the literature from the **jarchas** to the Early Renaissance. The second semester covers Late Renaissance and Golden Age authors. Prerequisite: Spanish 201-202.
Offered in alternate years.

331-332. The Literature of the Golden Age (3-3). The first semester includes best known plays of the most representative Spanish dramatists of the Golden Age from Cervantes to Calderon. The second semester is a detailed study of the life and works of Miguel de Cervantes, primarily the **Quijote**. Prerequisite: Spanish 201-202 and preferably 321-322.
Offered in alternate years.

351-352. Nineteenth Century Spanish Literature (3-3). The first semester includes historical background and characteristics of nineteenth century drama and poetry. The second semester deals with the Spanish novel in the 19th century. Prerequisite: Spanish 201-202 and preferably 321-322.
Offered in alternate years.

361-362. Spanish Literature of the Twentieth Century (3-3). The first semester deals with the Generation of '98. The second semester deals with Jimenez, Garcia Lorca, Casona, Cela, Laforet, Zunzunegui, and others. Prerequisite: Spanish 321-322 or equivalent.
Offered in alternate years.

381-382. Survey of Spanish-American Literature (3-3). The first semester deals with the Colonial and Independence Periods. The second semester covers the Nineteenth and Twentieth Centuries. Prerequisite: Spanish 201-202 and preferably 321-322. **Offered in alternate years.**

401-402. Directed Study (1 to 3—1 to 3). For advanced students who wish to do reading and research in special areas under the guidance of the instructor. Prerequisite: Consent of the department chairman.

LINGUISTICS

391-392. Introduction to Comparative Linguistics (3-3). This course emphasizes the historical development of the Indo-European languages; structural linguistics, semantics, and phonetics; problems related to the teaching of language and philological research. Prerequisite: French, German, or Spanish 201-202 or Italian 251-252.

SOCIOLOGY AND ANTHROPOLOGY

Associate Professor: FRANCES HEIDELBERG COKER, M.S.T., Chairwoman
Assistant Professor: HAN T. DOAN, Ph.D.

Sociology is the study of human interaction. Its focus ranges from intimate, face-to-face relations to the organization of whole societies. Sociology seeks to understand the ways in which people act in groups and to explain why they do so.

Anthropology is the study of human beings, their culture and evolution. It is particularly concerned with the way of life of people much different from ourselves such as the Pygmy, the Eskimo and the Cheyenne.

Requirements for Major: A minimum of 27 semester hours in the department. Required courses are 101, 201, 281, 282, 492, 493 and any other three courses offered by the department. Majors are encouraged to take 281 and 282 in their sophomore or junior years, 492 and 493 in their junior or senior years.

Psychology-Sociology

A combined major in Psychology and Sociology may be earned by completing 30 semester hours in the two departments combined. The following courses are required: Psychology 202, 206, 303, 304; Sociology 101, 102, 221, 492. The student may elect to take either Sociology 281 and 282 or Psychology 309 and 271. An internship—Psychology 451 or 452, or Sociology 451 or 452—must also be completed. A major in this program must take at least one course from each full-time faculty member in psychology and sociology.

101. Introduction to Sociology (3).

102. Social Problems in American Society (3). Analysis of life-cycle problems, such as adolescence, old age, status of women, and community problems such as poverty, racism, war.

205. Sociology of Religion (3). Theories and studies on the origin, nature, and institutional structure of religion. Prerequisite: Sociology 101.
Offered in alternate years.

206. Social Psychology (2). Same as Psychology 206.

221. Introduction to Social Work (3). Explores purpose, techniques and organization of the profession. Prerequisite: Sociology 101 or consent of instructor.

240. Minority Group Relations in American Society (3). Sociological theory and research on racial and ethnic groups in the U.S.

241-242. Afro-American Experience (3-3). Deals with the historic and contemporary experience of black people in America. The first semester covers the period up to 1915. The second semester covers the period from 1915 to the present. Same as History 241-242.
Offered in alternate years.

281. Methods and Statistics I (3). Introduction to philosophy of science, ethical issues in social research, basic methods of data-gathering, qualitative analysis, descriptive statistics. Prerequisite: Sociology 101 or equivalent.

282. Methods and Statistics II (3). Advanced data analysis, methods of data presentation and introduction to computer use. Prerequisite: Sociology 281.

301. Marriage and the Family (3). Emphasis on changing roles of men and women and patterns of child rearing in contemporary society.

321. Urban Sociology (3). Theory and research on the city and the problems of urban life. Prerequisite: Sociology 101.
Offered in alternate years.

332. Collective Behavior (3). Mass behavior and mass movement, such as riots, fads, and social movements, their causes and effects. Prerequisite: Sociology 101.
Offered in alternate years.

341. Social Factors in Health (3). Covers doctor/patient relationships, organization of health in the United States, the effect of social variables on health and illness.
Offered in alternate years.

361. Population Problems (3). Population theory; demographic forces, fertility, migration, mortality; and population research tools. Prerequisite: Sociology 101 or consent of instructor.
Offered in alternate years.

371. Social Stratification. Research methods, theories and empirical findings pertaining to social stratification. Prerequisite: Sociology 101.
Offered in alternate years.

381. Death and Grief (3). Topics include stages of dying, relationships of patients to family and medical staff, ethical issues surrounding death, stages of grief and functions of rituals. Prerequisite: Junior or senior standing.

391. Sociology of Deviance (3). Crime, delinquency, abortion, homosexuality, drug use, alcoholism, prostitution, and other forms of deviance, viewed from a non-moralistic sociological perspective.

401-402. Directed Reading (1 to 3—1 to 3). Prerequisite: Consent of instructor.

403-404. Undergraduate Research (1 to 3—1 to 3). Research project proposed and conducted independently by a junior or senior major, with report due at end of semester. Prerequisite: Consent of instructor.

405-406. Independent Study (1 to 3—1 to 3). Inquiry by a junior or senior major capable of independent work with minimum of supervision. Prerequisite: Consent of instructor.

411-412. Special Topics in Sociology (1 to 3—1 to 3). Deals with areas not normally covered in other courses, but of current interest to students. Prerequisite: Sociology 101.

451-452. Internship (1 to 3—1 to 3). Practical experience and training for majors working with selected organizations engaged in social research, social work, and community organization. Prerequisite: Consent of instructor.

492. Seminar in Sociological Theory I (3). Historical approach to theoretical development in sociology, focusing on European school, social reformers, and symbolic interactionists. For junior or senior majors.

381. Death and Grief (3). Topics include stages of dying, relationships of patients to family and medical staff, ethical issues surrounding death, stages of grief and functions of rituals. Prerequisite: Junior or senior standing.

493. Seminar in Sociological Theory II (3). Modern sociological theory, ranging from functionalism to conflict theory and phenomenology. Opportunities to integrate and expand upon current sociological knowledge. For junior or senior majors.

ANTHROPOLOGY

201. Introduction to Anthropology (3). Basic concepts and approaches to anthropology, archaeology, and particularly cultural and social patterns of preliterate peoples.

401-402. Directed Readings (1 to 3—1 to 3). Prerequisite: Consent of instructor.

403-404. Undergraduate Research (1 to 3—1 to 3). Research project proposed by a junior or senior major, and conducted independently by outstanding student. Research report due at the end of semester. Prerequisite: Consent of instructor.

405-406. Independent Study (1 to 3—1 to 3). Readings in an area of special interest to the junior or senior major capable of highly independent work with supervision. Report due at end of semester. Prerequisite: Consent of instructor.

411-412. Special Topics in Anthropology (1 to 3—1 to 3). Deals with areas not covered in other courses, but of current interest to students.

THEATRE

Professor: LANCE GOSS, A.M., Chairman
Visiting Lecturer: JAMES McGAHEY, M.F.A.

SPEECH

Requirements for a major in Theatre: 30 hours to include Theatre 103-104, 141-142, 203-204, 205-206, 305-306, 395-396, 402.

101. Speech Fundamentals: Public Speaking (3). Each student delivers a minimum of five addresses which deal with progressively more difficult material and situations. Emphasis on development of correct breathing, proper pronunciation, accurate enunciation, and an effective platform manner. Individual attention and criticism.

102. Speech Fundamentals: Oral Reading (3).

THEATRE

103-104. Introduction to Theatre (3-3).

131-132 (Freshman), 231-232 (Sophomore), 331-332 (Junior), 431-432 (Senior). Performance. Practical experience in production by the Millsaps Players. The first two semesters may be taken simultaneously with Theatre 103-104. One hour per semester to a total of eight hours.

141-142. Theatre Movement (1-1). Includes classical ballet barre, pantomime, exercises, basic dance steps, and general movement.

S171-S172. Summer Workshop (3-3). Includes acting, production, and performance techniques. Experience in summer production by The Millsaps Players.

203-204. Production I, Introduction to Theatrical Production (3-3). Emphasis on basic stagecraft, lighting, properties and sound.

205-206. Acting (2-2). Basic principles of acting in modern plays, first semester; second semester, acting in pre-modern drama. Prerequisite: Theatre 103-104.

301. Greek Drama (3). The theatre of ancient Greece.

305-306. The History and Literature of the Theatre (4-4). Prerequisite: Theatre 103-104.

312. Theatre in America (3). American theatre since 1900. Prerequisite: Theatre 305-306.

337. Modern Drama. See English 337.

365-366. Shakespeare. See English 365-366.

395-396. Directing (2-2). Covers all facets of the director's role. Prerequisite: 103-104.

402. Directed Reading (2). A seminar for theatre majors including independent study, research, and reports. Designed to cover areas of special interest not necessarily included in other courses.

451-452. Internship (3-3). Practical experience in scenery and/or lighting with the Mississippi Authority for Educational Television. Prerequisite: Theatre 303-304 and consent of instructor. (Offered in summer sessions only.)

7
register

THE BOARD OF TRUSTEES
1978-79

OFFICERS

James B. Campbell ..... Chairman
Mack B. Stokes ..... Vice Chairman
Clay Lee ..... Secretary
J. Herman Hines ..... Treasurer

REGULAR TRUSTEES

Term Expires in 1980

W. F. Appleby ..... Louisville
N. A. Dickson ..... Jackson
Mrs. Clarie Collins Harvey ..... Jackson
Clay Lee ..... Jackson
C. M. Murry ..... Oxford
Leo Seal, Jr. ..... Gulfport
Mrs. W. F. Tate ..... Tupelo
R. T. Woodard ..... Olive Branch

Term Expires in 1983

B. F. Lee ..... Columbus
J. Willard Leggett, III ..... Gulfport
Robert M. Matheny ..... Hattiesburg
Hyman F. McCarty ..... Magee
George B. Pickett, Sr. ..... Jackson
Mike Sturdivant ..... Glendora
Samuel Winbush ..... Winona
Edward E. Woodall, Jr. ..... Batesville

SPECIAL TRUSTEES

Term Expires in 1981

G. C. Cortright ..... Rolling Fork
Morris Lewis, Jr. ..... Indianola
David A. McIntosh ..... Jackson
W. H. Mounger ..... Jackson
N. S. Rogers ..... Houston, Texas
Tom B. Scott, Jr. ..... Jackson

Term Expires in 1984

Robert L. Ezelle ..... Jackson
Alan R. Holmes ..... South Orange, New Jersey
W. V. Kemp ..... Winona
Robert O. May ..... Greenville
Richard McRae ..... Jackson
LeRoy P. Percy ..... Greenville
Miss Eudora Welty ..... Jackson

FACULTY REPRESENTATIVE

Frank M. Laney, Jr. ..... Jackson

COLLEGE ATTORNEY

W. F. Goodman, Jr. ..... Jackson

TRUSTEES EMERITI

Roy Boggan ..... Tupelo
Fred B. Smith ..... Ripley
Ben M. Stevens, Sr. ..... Richton

STANDING COMMITTEES OF THE BOARD OF TRUSTEES 1977–78

Academic Committee: Mrs. W. F. Tate, Chairwoman; W. F. Appleby, W. V. Kemp, Robert M. Matheny

Audit Committee: Tom B. Scott, Chairman; Hyman F. McCarty, William H. Mounger

Buildings and Grounds: Robert L. Ezelle, Chairman; Clay Lee, Richard McRae, Robert O. May

External Affairs Committee: Hyman F. McCarty, Chairman; George B. Pickett, Sr., J. Willard Leggett, III, C. M. Murry, Leo Seal, Jr., B. F. Lee

Finance Committee: William H. Mounger, Chairman; G. Cauley Cortright, Alan R. Holmes, Morris Lewis, Jr., Nat S. Rogers, Tom B. Scott, R. T. Woodard, Mike Sturdivant, LeRoy P. Percy

Investor Responsibility Committee: William H. Mounger, Mrs. Clarie Collins Harvey, Hyman F. McCarty

Student Affairs Committee: David A. McIntosh, Chairman; Edward E. Woodall, Jr., Samuel Winbush, N. A. Dickson, Miss Eudora Welty

Executive Committee: Mrs. W. F. Tate, Tom B. Scott, Robert L. Ezelle, William H. Mounger, David A. McIntosh, Hyman F. McCarty, Mack B. Stokes, Mrs. Clarie Collins Harvey, Mike Sturdivant, Edward E. Woodall, Jr.

Ex Officio

All Committees: James B. Campbell, George M. Harmon, Mack B. Stokes

Academic Committee: Harry W. Gilmer

Finance Committee: Frank M. Laney, Jr.

Student Affairs Committee: President of Student Government

External Affairs Committee: Mrs. Jeanne B. Luckett

Finance, Audit, Executive Committees: J. Herman Hines

OFFICERS OF THE ADMINISTRATION

GEORGE M. HARMON ..... B.A., M.B.A., D.B.A.
President

HARRY W. GILMER ..... B.A., B.D., Ph.D.
Dean of the Faculty

DON E. STRICKLAND ..... B.S., M.S., Ph.D., C.P.A.
Vice President for Business Affairs

WILLIAM W. FRANKLIN ..... A.B.J.
Vice President for Institutional Advancement

JOHN H. CHRISTMAS ..... B.S., A.M.
Director of Admissions

ADMINISTRATIVE STAFF

SARA L. BROOKS .....
Director of Records

JANE CORDER ..... B.B.A., M.Ed.
Dean of Women

DON FORTENBERRY ..... B.A, M.Div.
Chaplain

WARRENE W. LEE .....
Business Office Manager

JAMES J. LIVESAY ..... A.B.
Director of Alumni and Church Relations

JAMES N. McLEOD ..... B.A., L.L.B.
Placement Director

LAURA C. PAMBIANCHI ..... B.S.E.
Director of Public Information

JAMES F. PARKS, JR. ..... A.B., M.L.S.
Head Librarian

LEONARD W. POLSON .....
Director of Services

CHARLES S. WEST ..... B.S.
Director, Data Processing

JACK L. WOODWARD ..... A.B., B.D.
Dean of Men and Director of Financial Aid

THE COLLEGE FACULTY

EMERITI FACULTY

LOIS TAYLOR BLACKWELL (1963) . . . . . Emerita Associate Professor of English
A.B., A.M., Mississippi College

FRANCES BLISSARD BOECKMAN (1966) . . . . . Instructor, Catalog Librarian
A.B., Belhaven College; A.M., Mississippi College

MAGNOLIA COULLET (1927) . . . . . Emerita Professor of Ancient Languages
A.B., Millsaps College; A.M., University of Pennsylvania; Graduate Work, American Academy in Rome, University of Chicago; B.M., Belhaven College; Graduate Work in Voice, Bordeaux, France; A.M. (German), University of Mississippi; Advanced Study, Goethe Institute, Germany

ELIZABETH CRAIG (1926) . . . . . Emerita Professor of French
A.B., Barnard College, Columbia University; A.M., Columbia University; Diplome de la Sorbonne, Ecole de preparation des professeurs de francais a l'etranger, Faculte des Lettres, Universite de Paris; Advanced Graduate Work, Columbia University; Palmes Academiques

CHARLES BETTS GALLOWAY (1939) . . . . . Emeritus Associate Professor of Physics
B.S., Millsaps College; A.M., Advanced Graduate Work, Duke University

MARGUERITE WATKINS GOODMAN (1935) . . . . . Emerita Professor of English
A.B., Agnes Scott College; A.M., Tulane University

NELLIE KHAYAT HEDERI (1952) . . . . . Emerita Associate Professor of Spanish
A.B., Mississippi State College for Women; A.M., Tulane University; Advanced Study, University of Southern California

MYRTIS FLOWERS MEADERS (1960) . . . . . Emerita Professor of Education
B.S., Millsaps College; M.Ed., Mississippi College

CAROLINE H. MOORE (1968) . . . . . Instructor, Order Librarian
A.B., Randolph-Macon Woman's College; A.M., Radcliffe College

ROBERT EDGAR MOORE (1960) . . . . . Emeritus Professor of Education
A.B., Birmingham-Southern College; A.M., University of Alabama; Ed.D., George Peabody College for Teachers

ROSS HENDERSON MOORE (1923) . . . . . Emeritus Professor of History
B.S., M.S., Millsaps College; A.M., University of Chicago; Ph.D., Duke University

MILDRED LILLIAN MOREHEAD (1947) . . . . . Emerita Professor of English
A.B., Mississippi State College for Women; A.M., Duke University

RICHARD R. PRIDDY (1946) . . . . . Emeritus Professor of Geology
B.S., Ohio Northern University; A.M., Ph.D., Ohio State University

ARNOLD A. RITCHIE (1952) . . . . . Emeritus Associate Professor of Mathematics
B.S., Northeastern State College of Oklahoma; M.S., Oklahoma A. & M. College; Advanced Graduate Work, Oklahoma A. & M. College, University of Tennessee

GEORGE ROYSTER STEPHENSON (1963) . . . . . Emeritus Associate Professor of Ancient Languages
A.B., Millsaps College; B.D., University of the South; L.L.D., Mississippi College

THURSTON WALLS (1957) . . . . . Emeritus Professor of Economics and Business Administration
A.B., A.M., University of Texas; Advanced Graduate Study, University of Texas

FACULTY

(The year in parentheses after each name indicates the first year of service at Millsaps College)

JOHN QUINCY ADAMS (1965) . . . . . Associate Professor of Political Science
B.A., Rice University; M.A., University of Texas, El Paso; J.D., University of Texas, Austin; Advanced Graduate Study, University of Texas

McCARRELL L. AYERS (1965) . . . . . Assistant Professor of Music
B.S., Eastman School of Music, University of Rochester (New York); M.M., Indiana University

RICHARD BRUCE BALTZ (1966) . . . . . Dan White Professor of Economics
A.A., Belleville Jr. College; B.B.A., M.S., Baylor University; Ph.D., University of Arkansas

HOWARD GREGORY BAVENDER (1966) . . . . . Associate Professor of Political Science
A.B., College of Idaho; M.A., University of Wisconsin; Post Graduate Work, University of Texas

GEORGE MARSTON BEARDSLEY (1974) . . . . . Assistant Professor of Physics
B.S., Stanford University; Ph.D., University of North Carolina

ROBERT EDWARD BERGMARK (1953) . . . . . J. Reese Linn Professor of Philosophy
A.B., Emory University; S.T.B., Ph.D., Boston University

ROY ALFRED BERRY, JR. (1962) . . . . . J. B. Price Professor of Chemistry
B.S., Mississippi College; Ph.D., University of North Carolina

ALLEN DAVID BISHOP, JR. (1967) . . . . . Professor of Chemistry
B.S., Millsaps College; M.S., Louisiana State University; Ph.D., University of Houston

GEORGE WILSON BOYD (1959) . . . . . Milton Christian White Professor of English Literature
A.B., Murray State College; A.M., University of Kentucky; Ph.D., Columbia University

LAURIE L. BROWN (1977) . . . . . Instructor, Acquisitions Librarian
B.A, M.L.S., University of Wisconsin

BILLY MARSHALL BUFKIN (1960) . . . . . Associate Professor of Romance Languages
A.B., A.M., Texas Technological College; Advanced Graduate Work, Tulane University; Diploma de Estudios Hispanicos de la Universidad de Madrid

C. LELAND BYLER (1959) . . . . . Professor of Music
A.B., Goshen College; M.M., Northwestern University; Advanced Graduate Work, University of Michigan, University of Colorado

CHARLES EUGENE CAIN (1960) . . . . . Professor of Chemistry
B.S., University of North Carolina; A.M., Duke University; Ph.D., Duke University

FRANCES HEIDELBERG COKER (1967) . . . . . Associate Professor of Sociology
A.B., Millsaps College; Graduate Work, University of North Carolina, Uppsala University (Sweden), University of Hawaii; M.S.T., Illinois Institute of Technology

LILLIAN McKINNEY COOLEY (1974) . . . . . Assistant Professor, Associate Librarian
A.B., Spelman College; M.S.L.S., University of Illinois

J. HARPER DAVIS (1964) . . . . . Associate Professor of Physical Education
Head Football Coach
B.S., M.Ed., Mississippi State University; Advanced Graduate Work,
Mississippi State University

HAN T. DOAN (1978) . . . . . Assistant Professor of Sociology
B.A., M.A., M.P.A., Saigon University; Ph.D., Brigham Young University

MARY ANN EDGE (1958) . . . . . Associate Professor of Physical Education
B.S., M.S., University of Mississippi
Advanced Graduate Study, University of Southern Mississippi

GEORGE HAROLD EZELL (1967) . . . . . Professor of Chemistry
B.S., Mississippi College; M.S., Florida State University; Ph.D., University of Mississippi

S. RICHARD FREIS (1975) . . . . . Assistant Professor of Ancient Languages and
Director of Heritage
B.A., St. John's College in Annapolis; M.A., University of California at Berkeley;
Ph.D., University of California at Berkeley

FRANCIS WILLIAM FROHNHOEFER (1972) . . . . Assistant Professor of Administration
and Accounting
A.B., Catholic University of America; M.A., University of
Pennsylvania; M.B.A., The Wharton School

HARRY W. GILMER . . . . . Professor of Religion
B.A., Emory and Henry College; B.D., Candler
School of Theology; Ph.D., Emory University

LANCE GOSS (1950) . . . . . Professor of Speech;
Director of The Millsaps Players
A.B., Millsaps College; A.M., Advanced Graduate Work, Northwestern University;
Special Study, The Manhattan Theatre Colony; Summer Theatre, The Ogunquit
Playhouse and the Belfry Theatre; Cinema Workshop,
The University of Southern California

JOHN L. GUEST (1957) . . . . . Associate Professor of German
A.B., University of Texas; A.M., Columbia University; Advanced Graduate Work,
New York University; Ottendorfer Fellowship in Germanic Philology,
Bonn University; Fulbright Scholarship, University of Vienna

PAUL DOUGLAS HARDIN (1946) . . . . . Associate Professor of English
A.B., Millsaps College; A.M., Duke University; Advanced Graduate Work,
University of Southern California

FLOREADA MONTGOMERY HARMON (1972) . . . . . Instructor, Circulation Librarian
A.B., Tougaloo College; A.M.L.S., Louisiana State University

DAVID C. HEINS (1978) . . . . . Assistant Professor of Biology
A.A., Orlando Junior College; B.A., Florida Technological University; M.S., Mississippi State University;
Ph.D., Tulane University

STEVE HERING (1978) . . . . . Assistant Professor of Education
B.S., Florida Southern College; M.Ed., Ed.D . Memphis State University

DANIEL G. HISE (1969) . . . . . Assistant Professor of English
A.B., University of California at Berkeley; Ph.D., Tulane University

KAREN H. HOLLEMAN (1978) . . . . . Assistant Professor of Economics, Accounting and Administration

B.S., Mississippi University for Women; M.B.A., Mississippi College

WENDELL B. JOHNSON (1954) . . . . . Associate Professor of Geology

B.S., M.S., Kansas State College; Graduate Work, Missouri School of Mines, University of Missouri

ROBERT J. KAHN (1976) . . . . . Assistant Professor of Spanish

B.A., State University of New York; M.A., Middlebury; Ph.D., Pennsylvania State University; Advanced Graduate Work, University of Pau, University of Nice, Loyola College in Montreal, Institut Catholique de Paris

DONALD D. KILMER (1960) . . . . . Associate Professor of Music

B.M., M.M., Indiana University; Advanced Graduate Work, Union Theological Seminary, University of Kansas, University of Illinois

SAMUEL ROSCOE KNOX (1949) . . Benjamin Ernest Mitchell Professor of Mathematics

A.B., A.M., University of Mississippi; Ph.D., Virginia Polytechnic Institute

FRANK MILLER LANEY, JR. (1953) . . . . . Professor of History

A.B., University of Mississippi; A.M., Ph.D., University of Virginia

RUSSELL WILFORD LEVANWAY (1956) . . . . . Professor of Psychology

A.B., University of Miami (Florida); M.S., Ph.D., Syracuse University

THOMAS WILEY LEWIS, III (1959) . . . . . Professor of Religion

A.B., Millsaps College; B.D., Southern Methodist University; Ph.D., Drew University

ROBERT S. McELVAINE (1973) . . . . . Assistant Professor of History

B.A., Rutgers University; M.A., State University of New York at Binghamton; Ph.D., State University of New York at Binghamton

JAMES McGAHEY (1977) . . . . . Visiting Lecturer in Theatre

A.B., Millsaps College; M.F.A., University of Mississippi

HERMAN LAMAR McKENZIE (1963) . . . . . Assistant Professor of Mathematics

B.S., Millsaps College; M.Ed., M.S., University of Mississippi

JAMES PRESTON McKEOWN (1962) . . . . . Professor of Biology

A.B., University of the South; A.M., University of Mississippi; Ph.D., Mississippi State University

JEANNE M. MIDDLETON (1978) . . . . . Assistant Professor of Education

B.A., Millsaps College; M.Ed., Ed.D., Harvard University

LUCY WEBB MILLSAPS (1969) . . . . . Assistant Professor of Art

B.F.A., Newcomb College; M.A., The University of Mississipi

MICHAEL H. MITIAS (1967) . . . . . Professor of Philosophy

A.B., Union College; Advanced Graduate Study, University of Missouri; Ph.D., University of Waterloo

JAMES A. MONTGOMERY (1959) . . . . . Professor and Director of Physical Education

A.B., Birmingham-Southern College; A.M., George Peabody College for Teachers; Ed.D., George Peabody College for Teachers

HUGH BRAD MUSICK (1977) . . . . . Visiting Lecturer in Biology

B.A., M.A., University of California at Santa Barbara; Ph.D, University of Arizona.

ROBERT B. NEVINS (1967) . . . . . Associate Professor of Biology

A.B., Washington University; M.S., University of Missouri; Advanced Graduate Work, University of Missouri

ROBERT HERBERT PADGETT (1960) . . . . . Associate Professor of English

A.B., Texas Christian University; A.M., Vanderbilt University; Advanced Graduate Work, Vanderbilt University; Fulbright Scholarship, Universite de Clermont-Ferrand

JAMES F. PARKS, JR. (1969) . . . . . Associate Professor, Librarian
A.B., Mississippi College; M.L.S., Peabody College

LEROY PERCY (1975) . . . . . Assistant Professor of English
B.A., Yale University; M.A., Cambridge University; Ph.D., University of Virginia

FRANCIS E. POLANSKI (1965) . . . . . Assistant Professor of Music
B.M., Eastman School of Music, University of Rochester (New York);
M.M., University of Michigan

JOHN R. RAMSEY JR. (1978) . . . . . Assistant Professor of Mathematics
B.S., M.S., Northwestern State University;
Ph.D., Louisiana State University

THOMAS L. RANAGER (1964) . . . . . Assistant Professor of Physical Education;
Assistant Football Coach
B.S., Mississippi State University; M.Ed., Mississippi College

LEE H. REIFF (1960) . . . . . Tatum Professor of Religion
A.B., B.D., Southern Methodist University; M.A., Ph.D., Yale University

WILLIAM CHARLES SALLIS (1968) . . . . . Professor of History
B.S., M.S., Mississippi State University; Kh.D., University of Kentucky

HILLIARD SAUNDERS, JR. (1967) . . . . . Associate Professor of French
A.B., Louisiana State University; Diplome de Cours de Civilization Francaise at la Sorbonne,
Paris; M.A., Louisiana State University; Ph.D., Louisiana State University

ROBERT A. SHIVE, JR. (1969) . . . . . Associate Professor of Mathematics
B.A., M.S., Southern Methodist University; Ph.D., Iowa State University

MICKE JOE SMITH (1978) . . . . . Assistant Professor of Biology
B.S., M.S., Memphis State University;
Ph.D., Virginia Polytechnic Institute and State University

JONATHAN MITCHELL SWEAT (1958) . . . . . Professor of Music
B.S., M.S., The Juilliard School of Music; A.Mus.D., The University of Michigan

RUFUS ENOCH TURNER, JR. (1975) . . . . . Assistant Professor of Art
B.S., Delta State University; M.F.A., University of Alabama

EDMOND R. VENATOR (1967) . . . . . Professor of Psychology
A.B., University of Buffalo; Ph.D., Emory University

STEVE CARROLL WELLS (1968) . . . . . Associate Professor of Accounting
A.A., Copiah-Lincoln Junior College; A.B., M.A., University of Mississippi; C.P.A.

LEON AUSTIN WILSON (1976) . . . . . Assistant Professor of English
A.B., Valdosta State College; M.A., University of Georgia;
Ph.D., University of South Carolina

STAFF PERSONNEL

MRS. ALICE ACY (1961) . . . . . Grill Manager
MRS. PAT AMMONS (1978) . . . . . Resident Hostess, Franklin Hall
MRS. ALICE M. BORDERS (1974) . . . . . Asst., Business Office
MS. LAURIE BROWN (1979) . . . . . Secretary, Student Affairs
MRS. MADGE COLUMBUS (1976) . . . . . Secretary, Institutional Advancement
LESTER CROSBY (1977) . . . . . Maintenance Technician
MRS. PEARL DYER (1975) . . . . . Secretary, Registrar
MRS. DONNA DYKES (1977) . . . . . Keypunch Operator
MRS. JOHN FENNELL, RN (1967) . . . . . College Nurse
MRS. PEGGY B. FOSTER (1974) . . . . . Computer Operator/Programmer
MRS. REBECCA GARDNER (1977) . . . . . Divisions Secretary
MRS. MARGARET HITT (1977) . . . . . Resident Hostess, Ezelle Hall
MS. FLOY HOLLOMAN (1975) . . . . . Asst. Dir. and Counselor, Admissions
MRS. DOROTHY KNOX (1974) . . . . . Receptionist, Institutional Advancement
REX ROY LATHAM (1956) . . . . . Maintenance Engineer
MRS. KATHERINE LEFOLDT (1970) . . . . . Academic Complex Hostess
MRS. MARSHA D. LEWIS (1977) . . . . . Mag. Card Oper., Institutional Advancement
MRS. CATHY MARTELLA (1975) . . . . . Secretary, Dir. of Admissions
MRS. VIRGINIA McCOY (1966) . . . . . Switchboard Operator
GARY McGEE (1978) . . . . . Maintenance Technician
KEITH McNEESE, SR. (1966) . . . . . Maintenance Technician
MRS. JEAN NAPIER (1970) . . . . . NDSL Clerk, Business Office
MRS. MARTHA NEAL (1970) . . . . . Secretary, President
MRS. DOROTHY NETTLES (1947) . . . . . Cashier
J. B. NICHOLS (1972) . . . . . Director of Security
MRS. RUTH POWELL (1972) . . . . . Key Punch Operator
MRS. ELIZABETH RANAGER (1969) . . . . . Secretary, Dean of the Faculty
MRS. MARTHA SCHIVERS (1974) . . . . . Secretary, Institute of Politics
GREG SEARS (1978) . . . . . Manager, Food Service
MRS. JUDY STEWART (1977) . . . . . Resident Hostess, Galloway Hall
MRS. BONNIE WARD (1977) . . . . . Mag. Card Oper., Admissions Office
MS. TERRY WEBB (1978) . . . . . Clerk, Registrar's Office
MRS. MITTIE C. WELTY (1959) . . . . . Assistant Manager, Bookstore

MRS. NANCY WHITE (1974) . . . . . Secretary, Business Affairs
MRS. BEATRICE P. WOODARD (1953) . . . . . Assistant, Registrar's Office
MS. STEPHANIE WOODS (1977) . . . . . Resident Hostess, Bacot Hall

LIBRARY STAFF

MRS. LAURIE BROWN (1977) . . . . . Acquisitions Librarian
MRS. LILLIAN M. COOLEY (1974) . . . . . Associate Librarian
MRS. FLOREADA M. HARMON (1972) . . . . . Circulation Librarian
MRS. BIRDIE HARPOLE (1978) . . . . . Catalog Assistant
JAMES F. PARKS, JR. (1969) . . . . . Head Librarian
MRS. GERRY REIFF (1972) . . . . . Audio-Visual Assistant
MRS. CAROLE THOMAS (1977) . . . . . Secretary to the Librarian
MRS. JOYCELYN V. TROTTER (1963) . . . . . Serials Assistant

ALUMNI ASSOCIATION

President . . . . . Mrs. Jeanne B. Luckett, Jackson

Vice Presidents . . . . . Maurice Hall, Jr., Meridian
David Martin, Jackson
Mrs. Elizabeth W. Riley, Meridian

Secretary . . . . . Mrs. Mary Sue M. Mitchell, Jackson

Past Presidents . . . . . Dr. Richard L. Blount, Jackson
Robert M. Matheny, Hattiesburg

Executive Director . . . . . James J. Livesay, Jackson

ENROLLMENT STATISTICS

	Men	Women	Total	Men	Women	Total
Fall Semester, 1978						
Freshman	139	97	236			
Sophomore	97	102	199			
Junior	137	103	240			
Senior	101	77	178			
Unclassified	50	69	119			
				524	448	972
Spring Semester, 1979						
Freshman	122	94	216			
Sophomore	97	98	195			
Junior	114	89	203			
Senior	103	70	173			
Unclassified	36	59	95			
				472	410	882
Total Registration, Regular Session	996	858	1854			
Number of Different Persons in Attendance Regular Session				551	476	1027
Summer School 1978	335	399	734			
Number of Different Persons in Attendance Summer School				215	253	468
Total Number of Registration	1331	1257	2588			
Number of Different Persons in Attendance				766	729	1495

MEDALS AND PRIZES AWARDED

Commencement, 1978

The Founder's Medal ..... William Hollis Leech
The Borgeois Medal ..... Karen Elizabeth Corban
The Tribbett Scholarship ..... Ann Karen Rascopf
The Pendergrass Medal ..... William Thomas McAlilly
The Janet Lynne Sims Award ..... Laura Frances Sherrod
The Clark Essay Medal ..... Tamsin Bomar
The A. G. Sanders Award in French ..... Laura Frances Sherrod
The A. G. Sanders Award in Spanish ..... Martha deHombre
The Eta Sigma Phi Award in Greek ..... William John Singer Jr.
The Eta Sigma Phi Award in Latin ..... Gregory Bufkin
Thomas Nelson
Cynthia Franklin
The Alpha Epsilon Delta Award ..... Mark Stanton
The Theta Nu Sigma Award ..... Mack L. Cheney
The J. B. Price General Chemistry Award ..... Ben Cheney
Maret Maxwell
Lana Jeng
The Undergraduate Award in Analytical Chemistry ..... Randy Weimer
The Biology Award ..... Laurie Cynthia Crowe
The Biology Research Award ..... Mark L. Cheney
The Freshman Mathematics Award ..... Leila Gosselink
James Michael Connerly
The Wall Street Journal Award ..... Charles Knauss
The Beginning German Award ..... Jennifer Russell
The Intermediate German Award ..... Jay Edwards
The Senior German Award ..... Janet Hall
The Mississippi Society of Certified Public Accountants Award ..... Steve Dean
The C. Wright Mills Award in Sociology ..... Mary Jane Kellum
The Ross H. Moore History Award ..... Isabel Dominick
The Music Majors Award ..... Beverly Clement
Introductory Physics Award ..... Laura Frances Sherrod
Maret Maxwell
The Mathematics Majors Awards ..... Claude Anderson
Charles Knauss
John Woosley
The Computer Science Award ..... Lavon Lofton
Claude Anderson
The Gordon Gulman Geology Award ..... Ruth Lloyd
The John F. Kennedy Award ..... William Hollis Leech
The Chemistry Department Outstanding Senior Award ..... Kristi Jo McIntyre
The Chemistry Department Outstanding Research Award ..... Eugene Jackson
The West Tatum Award ..... Mark Stanton

ORGANIZATIONAL AWARDS

The Chi Omega Social Science Award ..... Janet Hall
The Black Students Association Award ..... Diethra Cox

DEGREES CONFERRED 1978

BACHELOR OF ARTS

Charle Chanson Francinne Avery ..... Hazlehurst
Ken Hall Barnett ..... Meridian
†Lisa Lynn Blount ..... Bassfield
†**Alan Gerald Burrow ..... Shalimar, FL
†*Stephen Howard Byrd ..... Jackson
David Wesley Carroll ..... Tupelo
Jane Ann Cashon ..... Canfield, OH
Karen Adele Coulon ..... Maitland, FL
†Janette Dionne De Boever ..... Biloxi
†*Isabelle Ezelle Dominick ..... Jackson
*Sharon Ann Edwards ..... New Albany
Richard Benjamin Fewel ..... Meridian
Sherry Elaine Floyd ..... Natchez
Richard Newton Fox ..... Goodman
Harry Charles Fry, III ..... Magnolia
*Claudia Rebecca Brent Gaby ..... Pearl
**Gary Michael Gray ..... Pascagoula
Don Raymond Hall ..... Brookhaven
***Janet Marie Hall ..... Grenada
Marc Walton Hawkins ..... Jackson
†Carol Ann Hayward ..... Jackson
†*Steven Vance Hicks ..... Gulfport
Carl Edward Hilliard, Jr. ..... Pascagoula
Kenneth Eldon Hipple ..... Biloxi
James David Holland ..... Brookhaven
Ronald Wayne Jurney ..... Aberdeen
†Mary Jane Kellum ..... Port Gibson
**Margaret McCormack Lawrence .. Taylors, SC
Sarah Tomlinson Lawrence ... Jackson, TN
**William Hollis Leech ..... Jackson
*Kathryn Barksdale Lewis ..... Sibley
William Criss Lott ..... Batesville
William Thomas McAlilly ..... Grenada
Prentiss Robert McDonald ..... Jackson
†Kathleen Ann McDowell ..... Jackson
*Marsha Diane McHenry ..... Taylorsville
†Robert Glade McInnis ..... Jackson
William Bruce McKinley ..... Jackson
*Deborah Renee Madden ..... Jackson
Charles Michael Madison ..... Morton
Allyn Hewitt Mann ..... Jackson
*Leah Ann Melichar ..... Laurel
Samuel David Miller ..... Decatur
Paul Cooper Morrison ..... Vicksburg
Karleen Howard Neill ..... Jackson
Wilma Louise Parry ..... Yazoo City
*Howard Dean Pittman ..... Tylertown
*Elizabeth Box Plunk ..... Baton Rouge, LA
**Theresa Coen Prescott ..... Magnolia
†Craig James Raff ..... Baton Rouge, LA
James Clifton Ranager ..... Jackson
*James Crawford Ray ..... Tupelo
Roslyn Rice ..... Jackson
†Grady Curtis Rogers ..... Jackson
Tommy Rose ..... Hollandale
*Cynthia Margaret Rosson ..... Jackson
*Alfred Herbert Ruemke, III .. Ocean Springs
*Elise McNees Ryan ..... Jackson
*Cindy Sue Sanders ..... Monroe, LA
Mark Alan Scarborough ..... Meridian
†Richard Bernard Schwartz ..... Jackson
Randolph Stewart Smith, Jr. ..... Vicksburg
*John Meredith Stark ..... Lexington
*Gail Gober Sweat ..... Jackson
*Hugh Wilton Tedder, Jr. ..... Natchez
Jimmy Doyle Thrasher ..... Jackson
Susan Ruth Tsimortos ..... Jackson
†David Neal Usry ..... Brandon
†Mary Marie Waller ..... Greenville
Robert Russell Williard ..... Jackson
Cynthia Lee Wilson ..... Beaumont, TX
**Anthony Hoyt Womack ..... Florence
†James Michael Woods ..... Greenwood
RhuEtta Scott Young ..... Jackson

BACHELOR OF SCIENCE

Timothy Johnston Alford ..... Greenwood
Claude Otis Anderson ..... Natchez
Donald Leslie Bailey ..... Shelby
Keith Leslie Berry ..... Prentiss
**Andrew Charles Bishop ..... Decatur
†*Tomas Romelio Blackwell .... Houston, TX
*Scott Hull Boswell ..... Noxapater
†Bryon Allen Brasseux ..... Biloxi
Patricia Lynn Brown ..... Utica
Gladys Ann Bush ..... Stoneville
*Danny Lee Carey ..... Pascagoula
*Mack Lowell Cheney ..... Tupelo
James Watts Clark, Jr. ..... Jackson
†Jeffrey Allan Corkern ..... Jackson
Renita Faith Cotton ..... Jackson
Diethra Diane Cox ..... Jackson
*John George Cox ..... Webb
Karen Ruth Crawford ..... Starkville
*Laurie Cynthia Crowe ..... Houston, TX
Johnnie Earnest Cummings, III .. Clarksdale
*Leslie Brittain Cunningham ..... Laurel
Linda Hooper Feibelman ..... Vicksburg
†William Craig Flowers ..... Jackson
James Edwin Garrard, Jr. ..... Jackson
Eddie Leon Greene ..... Belzoni
Pamela Richardson Gressett ..... Meridian
*Thomas Lamb Haltom ..... Natchez
*James Huel Harris ..... Moss Point
*Martha Ellen Hutchison ..... Jackson
Carlton Marcus Ikner ..... Daphne, AL
†Richard Berg Ingram ..... Jackson
Eugene Jackson, Jr. ..... Jackson

Charles Ivan Knauss, Jr. . . . . Brandon
†Ruth Elizabeth Lloyd . . . . . Canton
Rex Lavon Loftin, Jr. . . . . Natchez
***Kristi Jo McIntyre . . . . . Greensboro, NC
Jerry Kenneth Mallet, Jr. . . . . Pascagoula
Carol Ann Middlestead . . . . . Picayune
*Norman Douglas Packer . . . . . Natchez
†*Prentiss Morris Parsons . . . . . Stewart
Dennis Albert Prowell . . . . . Chicago, IL
Charles Barry Rector . . . . . Long Beach
†Vonda Gail Reeves . . . . . Mt. Olive
*Robert Eugene Rice, Jr. . . . . Tupelo
James Moorman Richardson, Jr. . . Meridian
Larry Barton Rogers . . . . . Jackson
Deborah Lynn Salvant . . . . . Clinton
Robert Earl Scott . . . . . Magnolia
Danny Harland Smith . . . . . Philadelphia
**William Mark Stanton . . . . . Jackson
*Sally Margaret Sudduth . . . . . Jackson
Carmen-Luz Valenzuela . . . . . Brandon
Charles Richard Waters, Jr. . . Sikeston, MO
*Ralph Phillip Wells . . . . . Jackson
*Homer Herbert Williams . . . . Cameron, LA
*Marion Ridgway Wofford . . . . . Jackson
†*John Mark Woosley . . . . . Memphis, TN
*Lance Edward Wyble . . . . . Brookhaven

BACHELOR OF BUSINESS ADMINISTRATION

William Franklin Appleby, Jr. . . . . Louisville
Linda Ann Bear . . . . . Jackson
*David Allen Bourgeois . . . . . Gulfport
Don Travis Bradshaw . . . . . Gulf Breeze, FL
John Russell Champlin . . . . . Jackson
**Steven Gregory Dean . . . . . Memphis, TN
Susan Read Hyatt . . . . . Columbia
Lillian Mosby Jordan . . . . . Jackson
*Mary Anne Marquez Martin . . Alexandria, LA
**Martha Evelyn Mouser . . . . . Monroe, LA
Jayson Herny Norris . . . . . Mathiston
William Erle O'Brien, Jr. . . . . Yazoo City
Howard DeWayne Price . . . . . Natchez
Scott Donald Raff . . . . . Baton Rouge, LA
David Martin Reilly . . . . . Brandon
Donald James Reilly . . . . . Brandon
Warren Hamilton Robinson . . . . . Quitman
Mary Jane Rogers . . . . . Brandon
David John Sheperd . . . . . Scotsdale, AZ
Myrtle Brister Shipley . . . . . Greenwood
James Campbell Watts . . . . . Columbia
Leland Clarenda White . . . . . Greenwood
Frank Lewis Young . . . . . Madison

BACHELOR OF MUSIC

**Beverly Jane Clement . . . . . Pontotoc
**Donna Louise Doorenbos . . . . . Oxford
**Jennifer Gayle Tenhet . . . . . Clarksdale
*Edwin Winton Walker . . . . . Fernwood

---

*Cum Laude
**Magna Cum Laude
***Summa Cum Laude
†Summer Graduate

INDEX

	Page
A	
Activity Groups	29
Administration	100
Administrative Regulations	52
Admission Applications	9
Admission Requirements	7
Freshmen	7
Transfer Admission	8
Special Student	8
Advisors, Faculty	10
Alumni Association	108
Athletics	25
B	
Board of Trustees	98
Buildings and Grounds	7
Business Internships	48
C	
Class Attendance	53
Class Standing	50
Comprehensive Examinations	37
Cooperative Programs	44
Counseling Program	10
Pre-Registration	10
Personal	10
D	
Dean's List	52
Degree Applications	37
Degrees, Conferred, 1978	110
Degree Program	
B.A. Degree	35
B.B.A. Degree	35
B.S. Degree	35
B.M. Degree	35
Pre-Medical	38
Pre-Dental	38
Pre-Law	40
Pre-Social Work	40
Degree Requirements	34
Departments of Instruction	56
Ancient Languages	56
Art	59
Biology	61
Chemistry	63
Computer Studies	65
Economics, Accounting, and Administration	66
Education	69
English	71
Geology	73
German	75
History	76
Mathematics	78
Music	79
Philosophy	82
Physical Education and Athletics	83
Physics and Astronomy	84
Political Science	85
Psychology	87
Religion	89
Romance Languages	89
Sociology and Anthropology	92
Theatre	94
Dining Facilities	16
E	
Educational Certification Programs	40
Engineering	44
Enrollment Statistics	108
Exclusion	53
Expenses, Semester	14
F	
Faculty	101
Fees, Laboratory and Fine Arts	14
Fees, Special	15
Financial Aid	16
Financial Regulations	16
Fraternities	28
G	
Grades	50
Graduation with Distinction	51
Graduation with Honors	51
Gulf Coast Research Laboratory	48
H	
History of the College	6
Honors	51
Honor Societies	27
Honors Program	45, 51
Hours Permitted	52
Housing	10
I	
Information, General	6
L	
Legislative Intern	47
Library	6
Library Staff	107
Loan Funds	20
London Semester	47
M	
Majors	36
Medals and Prizes	29
Medals and Prizes Awarded in 1978	109
Medical Services	11
Medical Record Librarian	45
Medical Technology	44
Millsaps Players	26
Millsaps Singers	25
N	
Non-Departmental Courses	56
O	
Oak Ridge Science Semester	46
Orientation	10
P	
Placement, Advanced	9
Placement Services	11
Preparation for Ministry	39
Probation	53
Publications	25
Public Administration Internship	47
Public Events Committee	24
Purposes of College	4
Q	
Quality Index	37
Quality Points	50
R	
Religious Life	24
Repeat Courses	51
S	
Schedule Changes	52
Scholarships	16
Competitive	16
Institutional	17
Endowed	17
Sponsored	19
Senior Exemptions	54
Small Business Institute	48
Sororities	28
Special Programs	45
Staff Personnel	106
Student Association	26
Student Behavior	54
Student Organizations	26
Study Abroad	47
T	
Testing	10
Tuition	14
U	
United Nations Semester	46
W	
Washington Semester	46
Withdrawal	52